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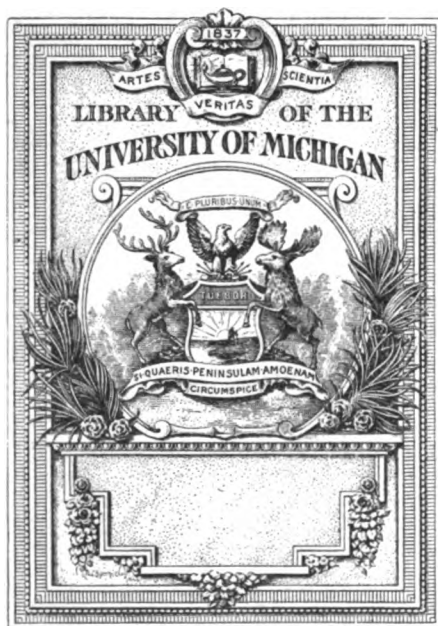
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City Documents

New Bedford (Mass.)



3
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1

CITY DOCUMENTS.

Mayor's Address to the Council,

City Government,

Annual Reports, Etc.

For the Year 1904-1905.



NEW BEDFORD :
THE A. E. COFFIN PRESS, CITY PRINTERS.
1905.



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1905 — CITY DOCUMENT — No. 1.

ELEVENTH INAUGURAL ADDRESS

OF

HON. CHARLES S. ASHLEY

Mayor of New Bedford

**At the Inauguration of the City Government
January Second, Nineteen Hundred and Five**



**NEW BEDFORD :
THE A.E. COFFIN PRESS, CITY PRINTERS,
1905.**

ELEVENTH INAUGURAL ADDRESS
OF HON. CHARLES S. ASHLEY

Gentlemen of the City Council:

Custom has established the inauguration ceremonies as an appropriate opportunity for the chief executive to address the incoming city government.

It is an occasion on which the mayor may lay before you statements of the city's condition and outline topics which may be expected to engage your attention.

It is permissible also for me to add my own comment with reference to existing conditions and to express my views concerning the municipal requirements.

You will find that your immediate predecessors in office have met the problems of a growing city with judgment and intelligence.

The departments are in excellent working condition and the executive heads are efficient and able.

The routine public business has been carefully and properly dispatched.

It is my belief that the confidence so generously expressed in our civic stability is well justified. . It is our duty to maintain the established standard and not to permit it to be impaired.

You will discover that many of the situations requiring solution at your hands are directly associated with our extraordinary growth and rapid development.

While the usual and ordinary municipal business presents perplexities and problems, the demands made upon us for the immediate future require thoughtful consideration and treatment.

Your industrious management of situations that are vitally real is needed for the proper administration of the public affairs.

FINANCIAL.

TAXES.

The tax levy for 1904, was as follows :

State tax	\$49,625.00	
State armory tax	8,777.22	
County tax	104,226.58	
City appropriations.....	1,089,734.00	
Overlay.....	4,323.53	\$1,256,686.33
Collections		1,165,092.75
Unpaid, December 1, 1904.....		\$91,593.58
Taxes of 1903, unpaid		24,615.26
Total unpaid taxes, 1903 and 1904.....		<u>\$116,208.84</u>

Of the taxes of 1904, 7 3-10 per cent. now remain unpaid.

A large portion of the taxes of 1903, (\$24,615.26), now remaining unpaid, being for real estate, will be available on or before April 1, 1905.

Received from State Treasurer :

Corporation taxes, 1904.....	\$56,234.78	
Bank taxes, non-resident	2,930.29	
Street railway tax	13,947.31	\$73,112.38

The amount received in 1903 for corporation taxes due from the State, was \$74,166.04; for 1904, \$56,234.78, a loss of income to the city of

\$17,931.26, due to the change in the corporation laws of the Legislature, Chapter 261, Acts of 1904.

RECEIPTS AND EXPENDITURES.

The receipts and expenditures for the year, including balance of cash in the Treasury, Dec. 1, 1903, have been as follows :

Balance, December 1, 1903.....		\$126,880.66
Receipts for taxes.....	\$1,055,255.99	
Temporary loans.....	1,435,000.00	
Issue of bonds.....	300,000.00	
From Commissioners of Sinking Funds, maturing bonds.....	89,000.00	
From water rates, water debt.....	35,000.00	
From wharf rates, applied to debt.....	3,283.00	
From Water Registrar, rates, etc.....	143,205.25	
Interest on Trust Funds.....	6,786.00	
Dog licenses.....	3,132.65	
From sundry sources, liquor licenses, etc.	272,318.51	\$3,342,981.40
<hr/>		
Total receipts, including balance Decem- ber 1, 1903.....		\$3,469,862.06
Expenditures, as per warrants of the Mayor ..		3,433,217.86
		<hr/>
Balance of cash December 9, 1904.....		\$36,644.20
		<hr/>

BONDED DEBT.

Gross debt.....		\$4,102,000.00
Exemptions authorized :		
Water loans.....	\$1,538,000.00	
Park loans.....	128,000.00	
Wharf loans.....	82,000.00	
School bonds.....	100,000.00	
Municipal sinking funds.....	883,541.37	2,731,541.37
Net municipal debt.....		<u>\$1,370,458.63</u>
Sinking funds, gross.....		<u>\$1,183,856.90</u>
Deductions :		
Water loan sinking funds.....	\$268,181.79	
Park loan sinking funds.....	16,644.89	
Wharf loan sinking funds.....	15,488.85	300,315.53
Net municipal sinking funds, as above..		<u>\$883,541.37</u>
Average tax value for the years 1902, 1903 and 1904.....		<u>\$62,580,770.00</u>
Two and one half per cent. of average valuation.....		<u>\$1,564,519.25</u>
Net municipal debt as above.....		<u>1,370,458.63</u>
Short of debt limit at close of the year..		<u>\$194,060.62</u>

ESTIMATED BORROWING CAPACITY FOR 1905.

Borrowing capacity, December 1, 1904		\$194,060.62
Municipal bonds to mature in 1905 :		
Improvements, 6s	\$10,000.00	
Improvements, 4s	24,000.00	
Estimated increase in sinking funds	147,990.00	
		<hr/> 181,990.00
		<hr/> \$376,050.62
Less bonds to mature April 1, 1905, to be paid from sinking funds		24,000.00
		<hr/>
Estimated borrowing capacity December 1, 1905		<u><u>\$352,050.62</u></u>
Amount due on account of bonded debt for 1905, is as follows :		
Water bonds, 7s	\$10,000.00	
Water bonds, 6s	20,000.00	
Improvement bonds, 6s	10,000.00	
Improvement bonds, 4s	24,000.00	\$64,000.00
		<hr/>

To 1910 inclusive, all high rate bonds ranging from six to seven per cent. per annum, amounting in the aggregate to \$230,000.00 payable from general taxation, will have been provided for, the balance of our indebtedness being already provided for by sinking funds authorized under orders of the City Council, the sinking funds accumulated, as before stated, amounting to the sum of \$1,183,856.90.

SPECIAL APPROPRIATIONS.

The special appropriations are as follows :

1902	\$80,000.00	
1903	151,794.44	
1904	412,665.24	\$624,459.68
<hr/>		
Less loan for high school lot	\$80,000.00	
Plan for high school	23,772.87	
Taxes available	106,608.84	
Cash in treasury, December 1, 1904..	36,644.20	227,025.91
<hr/>		
Net special appropriations to be provided for except the sum expended for new high school, authorized beyond the debt limit.....		<u>\$397,433.77</u>

SCHOOLS.

Notwithstanding the fact that our school buildings are well appointed and the teachers and methods employed leave little to be desired, it is very much in evidence that our facilities are entirely inadequate.

The following extracts from a communication of Wm. E. Hatch, Superintendent of Schools, disclose the instances wherein the deficiency is most apparent:

"There are now five classes with 200 children in rented quarters south of Russell street, two in portable schoolhouses, and two in attic rooms

separated from the grammar school to which they belong. There are four classes in rented rooms north of Cedar Grove street, and other rooms are crowded. With the completion of the two new buildings in process of construction, those sections will be relieved.

"It is in the center belt of the city, extending from the Cannonville school to the schools on Pleasant street, that relief is needed. These schools are now crowded to the limit and I do not see what will be done next fall. I think it will be necessary to refuse entrance even to the children who should enter in January. Certainly there will be no room for new applicants in some of the schools. We need the present high school building badly for the Middle street grammar school, and the present Middle street grammar building to relieve the congested primary schools in that district."

In the matter of the High school the city is admittedly far behind the times. The need of a new modern building is imperative. The painstaking thought of the disinterested educational committee that is responsible for the excellent plans that have been procured for the city, merits appreciation and action. Upon this matter Mr. Hatch has written as follows :

Report

"I cannot urge too strongly the need of the School Department for this building. I have stated some reasons why a new high school building is demanded apart from the High school itself. In addition to those, I desire to say in the most emphatic terms, that the present building fails to meet the demands of a modern high school. The assembly hall has been cut up to make recitation rooms; the principal's room has been taken as a recitation room, forcing him to occupy a small dressing room for an office; teachers and children are compelled to work in badly lighted and ventilated basement rooms, which are used as laboratories. These rooms in addition are too small for the requirements made upon them. The present building does not admit of manual training instruction, which is required by the Statutes of the Commonwealth; it has no gymnasium for the physical training of the boys and girls; in these and other respects it is entirely inadequate and must retard the growth of the High school in efficiency, and, I believe, in numbers."

It is in every way desirable that no backward policy be adopted towards our schools and the ever increasing number of pupils.

STREETS.

There can be no question of the surpassing importance of the proper building and maintenance of good streets.

New Bedford feels a justified pride in thoroughfares now conceded to be worthy of comparison with any other.

At the same time it is a matter of growing moment that they be so constructed as to endure for the longest period.

I believe that our citizens look to you to be zealous in their care, extension and improvement.

ENGINEERING.

The City Engineer reminds me that there is no suitable provision in his present office for the protection of the valuable plans and records of his department.

POLICE.

The proper policing of the city has required the maintenance of a competent police force which may be recruited to the best advantage by reason of the Civil Service provisions and the establishment of the reserve force.

It is a matter of general pride that this community is noted for its good order and freedom from crime. Statistics which I have in my possession, show that the number of felonies in New Bedford is the smallest in any Massachusetts city of relative size.

FIRE DEPARTMENT.

The growth of the city and the increase of building operations has resulted in the general extension of fire protection.

There can be no doubt that public sentiment favors the most searching attention to all methods that will insure the continued ability of the Fire Department.

WATER WORKS.

I am informed that our extensive water system has attracted the attention of the rest of the New England cities, through our freedom from inconvenience during the present drought.

It is a matter of public satisfaction that we are guaranteed an unfailing supply of water.

Superintendent Coggeshall informs me that a requirement of the near future is an additional

main from the High Hill reservoir to the city distributing system.

BOARD OF ASSESSORS.

The Assessors, in a communication of December 14th, point out that under the comprehensive system employed in their office, an increased working force is required.

REGISTRARS OF VOTERS.

Below is a statement from the Board of Registrars of Voters in which appears the number of voters accredited to each precinct and ward:

The Board points out the necessity for a change of ward lines to conform to the provisions of the law.

Action will have to be taken upon this communication, which is as follows :

REGISTERED VOTERS, BY WARDS AND PRECINCTS.

The number of registered voters in the city at this time is as follows :

WARD ONE.

Precinct A	693
Precinct 1	769
Precinct 2	692
	— 2,154

WARD TWO.

Precinct 3	687
Precinct 4	951
	— 1,638

WARD THREE.

Precinct 5	747
Precinct 6	627
	— 1,374

WARD FOUR.

Precinct 7	655
Precinct 8	656
	— 1,511

WARD FIVE.

Precinct 9	717
Precinct 10	800
	— 1,517

WARD SIX.

Precinct 11	924
Precinct 12	985
	— 1,909

Ward One	contains	.....	2,154	voters
Ward Two	contains	.....	1,638	voters
Ward Three	contains	.....	1,374	voters
Ward Four	contains	.....	1,511	voters
Ward Five	contains	.....	1,517	voters
Ward Six	contains	.....	1,909	voters

Wards One and Six contain a number of voters out of all proportion to the other wards.

It is very probable that unless the ward and precinct lines are changed this year, the next registration will make some of the precincts contain more than the 1,000 voters allowed by law.

The ward and precinct lines were last changed in 1895, and since that time the growth in Ward One has been so great that in 1902 another precinct had to be made to comply with the law.

EXTRACT FROM REVISED LAWS, CHAPTER II.

"SECTION 161. A city may, in the year nineteen hundred and five, and in every tenth year thereafter, before the first day of May, by vote of its City Council, make a new division of its territory into such number of wards as may be fixed by law. The boundaries of such wards shall be so arranged that the wards shall contain, as nearly as can be ascertained and as may be consistent with well defined limits to each ward, an equal number of voters."

PARKS.

Our park system, though yet but little developed, affords a great measure of healthful recreation for the people.

It is conceded that nothing in the municipal control does more for the general benefit of the populace of all ages than well appointed parks.

Public approval will sustain none but the wisest and most careful attention to this very important subject.

FREE PUBLIC LIBRARY.

It is a matter of great regret that the library, while well equipped with books, suffers from nearly every inconvenience that can be suggested. The magnificent bequest of Mrs. Sarah E. Potter, which is restricted to the purchase of books and similar equipment, emphasizes the necessity for a new building, which I trust may, in some way, before the lapse of many years, be provided.

BOARD OF HEALTH.

There has been no recurrence of contagious epidemic, which has menaced the public health in former years, and the work of the Board has been confined to the duties created by the statutes and ordinances.

It needs no word of mine to remind you that the working of this Board is of eminent importance and benefit. There is every reason to believe that the recent award of the garbage contract will result in the most scientific effort to satisfactorily handle the city's offal and refuse yet attempted.

CEMETERY BOARD.

The department has handled the work intrusted to its care with conspicuous success. The cemeteries have been practically beautified.

The Pine Grove cemetery is deemed by the Board to be worthy of further development, while there is yet a chance to procure adjacent land. It is the desire to obtain an adjoining tract and they urge its purchase without delay.

OVERSEERS OF THE POOR.

The requirements of the Poor Department are of course continuing and necessary. The relief of the unfortunate and indigent will have to be provided.

CONCLUSION.

The further acts necessary to effect your organization can best be performed in your respective rooms, to which you are now invited to adjourn.

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
January 2, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
January 2, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

CITY GOVERNMENT, 1905.

MAYOR

HON. CHARLES S. ASHLEY

ALDERMEN

Ward 1 — HENRY P. JENNEY
Ward 2 — FREDERICK A. DAMMON
Ward 3 — CHARLES H. ADAMS
Ward 4 — FRANK W. FRANCIS
Ward 5 — JOHN V. SPARE
Ward 6 — JOHN HANNIGAN

CITY CLERK

DANIEL B. LEONARD

ASSISTANT CITY CLERK

WILLIAM S. COOK

CITY TREASURER AND COLLECTOR OF TAXES

JAMES H. HATHAWAY

CITY AUDITOR

CHARLES J. MCGURK

CITY MESSENGER AND CLERK OF COMMITTEES

WALTER H. B. REMINGTON

CITY GOVERNMENT.

COMMON COUNCIL

PRESIDENT — SAMUEL HIGHAM

Ward One

Henry J. Gurl	John V. Thuot
Joseph H. Handford	Francis P. Washburn

Ward Two

Michael J. Glennon	Samuel Whitlow
Samuel Higham	Lawrence T. Woolfenden

Ward Three

George J. Allen	Samuel J. Lowe
Charles W. Jones	Stephen D. Perry

Ward Four

William A. Church	Charles S. Ricketson
Thomas A. Percy	Robert J. Wilson

Ward Five

John K. Blair	Frank A. Habicht
Charles M. Carroll	Henry J. Watson

Ward Six

John Hallowell	Patrick Loftus
William K. Lees	Charles A. McAvoy

Clerk — WALTER H. B. REMINGTON

STANDING COMMITTEES OF THE BOARD OF MAYOR AND ALDERMEN

Burial Grounds — Aldermen Francis (ch.), Adams and Jenney.
Enrollment — Aldermen Spare (ch.), Dammon and Hannigan.
Laying Out, Widening and Repairing Streets — The Mayor (ch.), Aldermen Jenney and Spare.
Licenses — Aldermen Hannigan (ch.), Jenney and Dammon.
Police — The Mayor (ch.), Aldermen Jenney and Dammon.
Soldiers' Aid — The Mayor (ch.), Aldermen Spare and Adams.

JOINT STANDING COMMITTEES OF THE CITY COUNCIL.

Armory and Military Property—Aldermen Francis (ch.) and Adams; Councilmen McAvoy, Percy and Thuot.

Audit—Aldermen Jenney (ch.) and Dammon; Councilmen Handford, Glennon and Lees.

Bath Houses—Aldermen Hannigan (ch.) and Francis; Councilmen Gurl, Watson and Loftus.

Buildings in the Fire District—Aldermen Dammon (ch.) and Francis; Councilmen Handford, Washburn and Lowe.

Charities, Almshouse and the Poor—Aldermen Hannigan (ch.) and Spare; Councilmen Thuot, Lowe and Perry.

City Property—Aldermen Jenney (ch.) and Spare; Councilmen Glennon, Jones and Lees.

Claims—Aldermen Jenney (ch.) and Hannigan; Councilmen Gurl, Glennon and Wilson.

Education—Aldermen Hannigan (ch.) and Adams; Councilmen Lees, Church and Blair.

Finance—The Mayor (ch.) and Alderman Francis; Councilmen Higham, Washburn, Jones, Percy, Watson and Lees.

Fire Department—Aldermen Hannigan (ch.) and Adams; Councilmen Washburn, Woolfenden and Gurl.

Fuel—The Mayor (ch.) and Alderman Spare; Councilmen Thuot, Blair and Hallowell.

Ordinances—Aldermen Spare (ch.) and Hannigan; Councilmen Halliwell, Habicht and McAvoy.

Printing—Alderman Jenney (ch.); Councilmen Carroll and Wilson.

Roads, Bridges and Sewers—Aldermen Jenney (ch.) and Francis; Councilmen Woolfenden, Habicht and Ricketson.

Street Lights—Aldermen Jenney (ch.) and Spare; Councilmen Woolfenden, Carroll and Loftus.

Water Works and Water Supply—Aldermen Adams (ch.) and Dammon; Councilmen Whitlow, Allen and Ricketson.

Wharves—Aldermen Hannigan (ch.) and Francis; Councilmen Handford, Allen and McAvoy.

STANDING COMMITTEES OF THE COMMON COUNCIL

Bills in Second Reading—Councilmen Watson (ch.), Whitlow and Perry.

Elections and Returns—Councilmen Wilson (ch.), Loftus and Church.

Enrolled Ordinances—Councilmen Percy (ch.), Whitlow and Church.

CITY GOVERNMENT.**ASSESSORS**

Office, Library Building, Room 6.

HENRY C. RUSSELL	1 year
WILLIAM F. BANNON, Chairman	2 years
GIDEON H. ALLEN	3 years

ASSISTANT ASSESSORS

Ward 1 — JOHN H. FINNELL
 Ward 2 — THOMAS A. SULLIVAN
 Ward 3 — PRINCE S. BORDEN
 Ward 4 — ROLAND A. LEONARD
 Ward 5 — WILLIAM J. ABRAMS
 Ward 6 — GEORGE ENGLAND

BOARD OF HEALTH

Office, 52 Pleasant Street

WILLIAM G. KIRSCHBAUM	Term expires February, 1906
JOHN T. BULLARD	Term expires February, 1907
WILLIAM G. KIRSCHBAUM, Chairman.	

City Physician and Quarantine Physician

HOLDER C. KIRBY
 Term ends in Feb., 1908

Clerk

SUSIE J. SMALL

Health Inspector

WILLIAM E. MACOMBER

Inspector of Plumbing

LOUIS H. RICHARDSON

Medical Inspector

DR. JOSEPH P. ST. GERMAIN

Bacteriologist

DR. CHARLES F. CONNOR

NEW BEDFORD WATER WORKS

NEW BEDFORD WATER BOARD

His Honor **CHARLES S. ASHLEY**, Mayor, ex-officio President
SAMUEL HIGHAM, President of Common Council, ex-officio
ZEPHANIAH W. PEASE, Term expires June, 1906
WILLIAM E. SMITH, Term expires June, 1907
LETTICE R. WASHBURN, Term expires June 1908

Clerk

ROBERT. C. P. COGGESHALL

Water Registrar

CLIFFORD BAYLIES

Office, Basement City Hall Building

Superintendent

ROBERT C. P. COGGESHALL

Office, City Hall Building

OVERSEERS OF THE POOR

CHARLES S. PAISLER, Chairman

WILLIAM H. RANKIN	Term expires May 1, 1906
A. H. W. CARPENTER	Term expires May 1, 1907
CHARLES S. PAISLER	Term expires May 1, 1908

Secretary

A. H. W. CARPENTER

Messenger

AUGUSTUS A. WOOD

Clerk

ELLA F. BUCKLIN

Superintendent Almshouse and Farm

FREEMAN H. ASHLEY

Physicians

DENNIS J. LOWNEY and JOHN J. H. McALLISTER

FREE PUBLIC LIBRARY**TRUSTEES***(Ex officio. Terms expire January, 1906)*

CHARLES S. ASHLEY, Mayor of the City
SAMUEL HIGHAM, President of the Common Council
JOHN HANNIGAN, Alderman and Chairman of the Committee of the City Council on Education

(Elected by the Council)

ISAAC B. TOMPKINS, JR.,	Term expires April, 1906
JIREH SWIFT, JR.,	Term expires April, 1906
OTIS S. COOK,	Term expires April, 1907
FRANCIS M. KENNEDY,	Term expires April, 1907
MATTHEW C. JULIEN	Term expires April, 1908
WILLIAM L. SAYER,	Term expires April, 1908

President of the Board
THE MAYOR

Clerk
WILLIAM L. SAYER

Committees

On the Library — Messrs. SAYER, TOMPKINS and SWIFT
On Finance — Messrs. KENNEDY, JULIEN and COOK
On the Building — Messrs. JULIEN, HANNIGAN and COOK
On Branch Reading Rooms — Messrs. SWIFT and HANNIGAN

Librarian
GEORGE H. TRIPP

Cataloguer
ANNA H. DEWOLF

Assistants

CLEMENT L. YEAGER	ETTA F. LAWRENCE
JOSEPHINE A. MERRICK	SUSIE H. GAMMONS
FLORENCE E. PIERCE	

Janitor
YORICK W. AMES

COMMISSIONERS OF SINKING FUND

BENJAMIN F. BROWNELL	Term expires March, 1906
MORGAN ROTCH, Chairman,	Term expires March, 1907
WILLIAM A. MACKIE	Term expires March, 1908
JAMES H. HATHAWAY, Secretary and Treasurer	

BOARD OF PARK COMMISSIONERS

Office, Merchants Bank Building

CHARLES T. SMITH,	Term expires 1st Monday in May, 1906
ERNEST A. WHEATON,	Term expires 1st Monday in May, 1907
JAMES E. MOORE,	Term expires 1st Monday in May, 1908
SAMUEL P. RICHMOND,	Term expires 1st Monday in May, 1909
OBED C. NYE,	Term expires 1st Monday in May, 1910

CEMETERY BOARD

WILLIAM M. HIGHAM,	Term expires May 1, 1906
JOHN G. NICHOLSON,	Term expires May 1, 1907
CHARLES H. VINAL,	Term expires May 1, 1908

Chairman -- **JOHN G. NICHOLSON**

Secretary -- **CHARLES H. VINAL**

Superintendent of Cemeteries
CHARLES F. CORNELL

CITY GOVERNMENT

City Solicitor
BENJAMIN B. BARNEY

City Engineer
WILLIAM F. WILLIAMS

Drawtender
CHARLES B. SAYLES

Superintendent of Streets
CHARLES F. LAWTON

Sealer of Weights and Measures
JOHN N. O'BRIEN

Superin'dent of Public Buildings and Buildings in the Fire Districts
JOSEPH L. GIBBS

Inspector of Buildings
JOSEPH L. GIBBS

Superintendent of City Clock
FRED F. DUMAS

City Bell Ringer
CORNELIUS A. WEBB

Harbor Master
CHARLES H. CRAGIN

Inspector of Petroleum and Vinegar
ORVILLE E. YOUNG

Inspector of Milk, Animals and Provisions
DANIEL C. ASHLEY
Office, 134 Pleasant Street

Supervisor of Wires
DANIEL D. BRIGGS

REGISTRARS OF VOTERS

CHARLES T. LUCE,	Term expires May, 1906
CHARLES S. COOMBS,	Term expires May, 1907
WILLARD N. LANE,	Term expires May, 1908
CHARLES T. LUCE, Chairman.	
DANIEL B. LEONARD, Clerk.	
Office, Basement City Hall Building.	

PRECINCT OFFICERS*(Term of office expires Nov. 1, 1905)***WARD ONE; PRECINCT A**

Warden,	Allen Russell, Jr., R.
Clerk,	Michael E. Daley, D.
Inspector,	Nathaniel H. Jenney, R.
"	Ernest A. Dunham, D.
"	Edward C. Taber, R.
"	William O'Neil, D.

Deputies

Warden,	Thomas Ridings, R.
Clerk,	Thomas E. Smith, D.
Inspector,	Frederick H. Roscow, R.
"	Timothy J. Sullivan, D.
"	Daniel A. Cotter, R.
"	Patrick J. Connelly, D.

WARD ONE, PRECINCT ONE

Warden,	Michael F. Harlow, R.
Clerk,	John H. Finuell, D.
Inspector,	Henry H. Hacking, R.
"	Daniel J. Connolly, D.
"	Joseph Magnant, R.
"	Patrick H. Murphy, D.

Deputies

Warden, _____, R.
 Clerk, John H. Boyle, D.
 Inspector, Stephen F. Neary, R.
 " Thomas P. Ward, D.
 " Stephen H. Sullivan, R.
 " Thomas Morris, D.

WARD ONE, PRECINCT TWO

Warden, Edward P. Canny, D.
 Clerk, George B. Borden, R.
 Inspector, John J. Toomey, D.
 " Charles T. Brownell, R.
 " Daniel S. Considine, D.
 " William Brown, R.

Deputies

Warden, _____, D.
 Clerk, William F. Chase, R.
 Inspector, John S. Harrington, D.
 " George S. Taylor, R.
 " _____, D.
 " James H. Mahoney, R.

WARD TWO, PRECINCT THREE

Warden, George P. Macomber, R.
 Clerk, Lawrence H. Barney, D.
 Inspector, Charles T. Burgess, R.
 " Joseph C. Desmond, D.
 " Charles L. Faunce, R.
 " Asa L. H. Allen, D.

Deputies

Warden, Edward H. Carter, R.
 Clerk, Michael McDonnell, D.
 Inspector, Edward B. Swift, R.
 " Daniel G. Dinnigan, D.
 " George E. Saxon, R.
 " Dennis H. Toomey, D.

WARD TWO, PRECINCT FOUR

Warden, George K. Dammon, R.
 Clerk, John N. O'Brien, D.
 Inspector, Philip R. King, R.
 " John H. Ryan, D.
 " Bartholomew P. Fury, R.
 " Daniel A. Quinn, D.

Deputies

Warden, Samuel E. Gabriel, R.
 Clerk, Thomas J. Murphy, D.
 Inspector, James H. Bamford, R.
 " Peter J. Riley, D.
 " James C. McNutt, R.
 " Albert M. Taylor, D.

WARD THREE, PRECINCT FIVE

Warden, Joshua B. Ashley, Jr., D.
 Clerk, Charles R. Hathaway, R.
 Inspector, Henry Smith, D.
 " Walter A. Jenney, R.
 " Obed S. Cowing, D.
 " Augustus G. Moulton, R.

Deputies

Warden, James J. Finn, D.
 Clerk, Abner P. Pope, R.
 Inspector, Samuel J. Lowe, D.
 " Prince S. Borden, R.
 " ———, D.
 " Gerret Geils, Jr., R.

WARD THREE, PRECINCT SIX

Warden, Henry M. Maine, D.
 Clerk, Gilbert B. Borden, Jr., R.
 Inspector, William E. Cooper, D.
 " Joseph C. Forbes, R.
 " William W. Atwood, D.
 " Arthur A. Dexter, R.

Deputies

Warden, ———, D.
 Clerk, Albert H. Varnum, R.
 Inspector, Daniel J. Sullivan, D.
 “ Samuel H. Perry, R.
 “ Fred W. Silver, D.
 “ William York, R.

WARD FOUR, PRECINCT SEVEN

Warden, William F. Caswell, R.
 Clerk, Walter R. Myrick, D.
 Inspector, Charles F. Grow, R.
 “ Charles F. Dean, D.
 “ Arthur C. Spooner, R.
 “ Henry C. Gray, D.

Deputies

Warden, James B. Russell, R.
 Clerk, James A. Young, D.
 Inspector, Cornelius B. Piper, R.
 “ ———, D.
 “ Charles L. Ricketson, R.
 “ ———, D.

WARD FOUR, PRECINCT EIGHT

Warden, Henry A. Gray, D.
 Clerk, William B. Topham, R.
 Inspector, John W. Carter, D.
 “ Frederick D. Barrows, R.
 “ Thomas L. Parsons, D.
 “ William E. Carroll, R.

Deputies

Warden, George T. Macomber, D.
 Clerk, Seth W. Godfrey, R.
 Inspector, ———, D.
 “ Charles E. Carroll, R.
 “ Irwin Merrihew, D.
 “ William A. Carroll, R.

WARD FIVE, PRECINCT NINE

Warden, John C. Emery, R.
 Clerk, Charles F. F. Jones, D.
 Inspector, Antone H. Senna, R.
 " Charles D. Russell, D.
 " Charles A. Bennett, R.
 " George P. Richardson, D.

Deputies

Warden, George F. Curry, R.
 Clerk, Frank P. P. Tuell, D.
 Inspector, Harry C. Vaughan, R.
 " Rodolphus A. Swain, D.
 " Edward P. Dugan, R.
 " ——— ———, D.

WARD FIVE, PRECINCT TEN

Warden, Edwin L. Tillinghast, D.
 Clerk, Amos W. Hadley, R.
 Inspector, Michael T. Francis, D.
 " David M. Piper, R.
 " James J. Donaghy, D.
 " Charles A. S. Sherman, R.

Deputies

Warden, Edward B. Gray, D.
 Clerk, Edward M. Slocum, R.
 Inspector, James H. Miskell, D.
 " Leroy W. Swift, R.
 " John Miskell, Jr., D.
 " George E. Nye, R.

WARD SIX, PRECINCT ELEVEN

Warden, John J. Meaney, D.
 Clerk, Leander A. Williston, R.
 Inspector, Owen J. Dowd, D.
 " Frank T. Cooke, R.
 " William N. Nelson, D.
 " Anderson H. Swift, R.

Deputies

Warden, ——— ———, D.
 Clerk, David Bromley, R.
 Inspector, ——— ———, D.
 “ Maurice C. Downey, R..
 “ ——— ———, D.
 “ Walter W. Snailham, R.

WARD SIX, PRECINCT TWELVE

Warden, Marshall S. Greene, R.
 Clerk, Norman Barstow, D.
 Inspector, William W. Bonney, R.
 “ George L. Jennings, D.
 “ Francis Thorley, R.
 “ William C. Demello, D.

Deputies

Warden, Joseph Menton, R.
 Clerk, ——— ———, D.
 Inspector, Philip E. Fogarty, R.
 “ ——— ———, D.
 “ William H. Greene, R.
 “ Henry M. Whelan, D.

WARD LINES.

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
April 25, 1895.

Ordered, That in conformity with section 98 of chapter 417 of the Acts of the Legislature of the Commonwealth, in the year 1893, the several wards of the city, until the first day of May, 1895, and until otherwise ordered, be and they are hereby divided and established according to the following described lines, to take effect January 1, 1896:

Ward One. All that portion of the city lying north of a line beginning at the river, and drawn through the centre of Linden street to Ashland street, thence through the centre of Ashland street to Durfee street, and thence through the centre of Durfee street to the west line of the city, will constitute Ward One.

Ward Two. All that portion of the city lying between a line drawn from the river through the centre of Linden street to Ashland street, thence through the centre of Ashland street to Durfee street, thence through the centre of Durfee street to the west line of the city, and a line drawn from the river through the centre of Campbell street to County street, thence through the centre of County street to Sycamore street, thence through the centre of Sycamore street to Cedar street, thence through the centre of Cedar street to Smith street, and thence through the centre of Smith street to the west line of the city, will constitute Ward Two.

Ward Three. All that portion of the city lying between a line drawn from the river through the centre of Campbell street to County street, thence through the centre of County street to Sycamore street, thence through the centre of Sycamore street to Cedar street, thence through the centre of Cedar street to Smith street, thence through the centre of Smith street to the west line of the city, and a line drawn from the river through the centre of High street to County street, thence through the centre of County street to Kempton street, thence through the centre of Kempton street to the west line of the city, will constitute Ward Three.

Ward Four. All that portion of the city lying between a line drawn from the river through the centre of High street to County street, thence through the centre of County street to Kempton street, thence through the centre of Kempton street to the west line of the city, and a line drawn from the river through the centre of School street to County street, thence through the centre of County street to Arnold street, and thence through the Centre of Arnold street to the west line of the city, including Fish and Pope's Islands, will constitute Ward Four.

Ward Five. All that portion of the city lying between a line drawn from the river through the centre of School street to County street, thence through the centre of County street to Arnold street, thence through the centre of Arnold street to the west line of the city, and a line drawn from the river through the centre of Grinnell street to Fourth street, thence through the centre of Fourth street to Washington street, thence through the centre of Washington street to Dartmouth street, thence through the centre of Dartmouth street to Grape street, thence through the centre of Oak and Grape streets to Rockdale avenue, thence through the centre of Rockdale avenue to Allen street, and thence through the centre of Allen street to the west line of the city, will constitute Ward Five.

Ward Six. All that portion of the city lying south of a line drawn from the river through the centre of Grinnell street to Fourth street, thence through the centre of Fourth street to Washington street, thence through the centre of Washington street to Dartmouth street, thence through the centre of Dartmouth street to Oak street, thence through the centre of Oak and Grape streets to Rockdale avenue, thence through the centre of Rockdale avenue to Allen street, and thence through the centre of Allen street to the west line of the city, including Palmer's Island, will constitute Ward Six.

Adopted in concurrence.

Approved by the Mayor, April 27, 1895.

VOTING PRECINCTS.

As designated and established by the Mayor and Aldermen, under the provisions of chapter 417 of the Acts of the Legislature of 1893, and the provisions of chapter 11 of the Revised Laws of the Commonwealth, to take effect Jan. 1, 1902.

Ordered, That the several wards of the city be, and they are hereby divided into voting precincts for the holding of all meetings for the choice of all officers who are elective by the people, and that the dividing lines of said precincts be as hereinafter defined.

IN WARD ONE.

All that portion of said ward lying north and east of a line drawn from a point in the channel of the Acushnet river formed by the extension of a line through the centre of Sawyer street, thence westerly in said extended line, and in the centre of Sawyer street to the easterly line of the New York, New Haven & Hartford railroad; then northerly in the easterly line of said railroad to the northerly boundary line of the city, shall be known as Precinct "A."

All that portion of said ward lying east and south of a line beginning at a point in the centre of Sawyer street, at the east line of the New York, New Haven & Hartford railroad, thence westerly in the centre of Sawyer street to its intersection with a line formed by the extension of a line through the centre of Purchase street; thence southerly in the centre of Purchase street to the centre of Weld street; thence westerly in the centre of Weld street to the centre of State street; thence southerly in the centre of State street to the centre of Linden street, shall be known as Precinct One.

All that portion of said ward lying west and north of a line beginning at a point in the centre of Linden street at its intersection with a line formed by the extension of a line through the centre of State street; thence northerly through the centre of State street to the centre of Weld street; thence easterly in the centre of Weld street to the centre of Purchase street; thence northerly in the centre of Purchase street to the centre of Sawyer street; and thence easterly in the centre of Sawyer street to the easterly line of the New York, New Haven & Hartford railroad; thence northerly in the easterly line of the New York, New Haven & Hartford railroad to the northerly boundary line of the city, shall be known as Precinct Two.

IN WARD TWO.

Said line shall begin at a point formed by the extension of a line through the centre of County street at its intersection with Linden street, thence south through the centre of County street to the centre of Locust street, thence through the centre of Locust street to the centre of Chestnut street, thence south through the centre of Chestnut street to a point in said Chestnut street at its intersection with a line formed by the extension of a line through the centre of Sycamore street. The precincts in said ward being further defined as follows: All that part of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Three; all that part of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Four.

IN WARD THREE.

Said line shall begin at a point in the centre of County street intersecting with a line formed by the extension of a line through the centre of Sycamore street, thence south through the centre of County street to its intersection with a line formed by the extension of a line through the centre of High street. And is further defined as follows: All that portion of said ward lying east of said division line as drawn through the centre of County street shall be and is hereby made a voting precinct to be known as Precinct Number Five; all that portion west of said division line as drawn through the centre of County street shall be and is hereby made a voting precinct to be known as Precinct Number Six.

IN WARD FOUR.

Said line shall begin at a point in the centre of Kempton street at its intersection with a line formed by the extension of a line through the centre of Summer street, thence south through the centre of Summer street to its intersection with a line formed by the extension of a line through the centre of Elm street, thence west through the centre of Elm street to the centre of Cottage street, thence south in the centre of Cottage street to a point at its intersection with a line formed by the extension of a line through the centre of Arnold street. And is further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Seven; all that portion lying west of said division line is hereby made a voting precinct to be known as Precinct Number Eight.

IN WARD FIVE.

Said line shall begin at a point in the centre of County street and in the centre of School street, thence south in the centre of County street to the centre of Russell street, thence east in the centre of Russell street to the centre of South Sixth street, thence south in the centre of South Sixth street to its intersection with the centre of County street, thence in the centre of County street to its intersection with a line drawn through the centre of Washington street. The precincts in said ward being further defined are as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Nine; and all that part of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Ten.

IN WARD SIX.

Said line shall begin at a point in the centre of Fourth street at its intersection with the centre of Grinnell street, thence south in the centre of Fourth street to the centre of Rivet street, thence westerly in the centre of Rivet street to the centre of County street, thence southerly in the centre of County street to Clark's Cove, so called. The precincts in said ward being further defined as follows: All that portion of said ward lying east of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Eleven; all that portion of said ward lying west of said division line shall be and is hereby made a voting precinct to be known as Precinct Number Twelve.

Adopted.

FIRE DEPARTMENT.

CHIEF ENGINEER

EDWARD F. DAHILL, to fill vacancy, Term expires April, 1908
Office, City Hall Building

ASSISTANT ENGINEERS

First — JAMES J. DONAGHY, Term expires April, 1906
Second—WILLIAM E. WATSON, JR., Term expires April, 1906
Third — FRANK R. PEASE, Term expires April, 1909
Fourth—ROBERT WOOLFENDEN, JR., Term expires April, 1908

CLERK OF BOARD OF ENGINEERS

JOSEPH P. KENNEDY

MEMBERS OF THE NEW BEDFORD PROTECTING SOCIETY

(Special Police Officers, to serve at fires)

Akin, Thomas B.	Hadley, A. W.	Pierce, Edward T.
Allen, George H. H.	Hammond, Edgar B.	Pitman, William H.
Allen, Gideon	Hammond, Henry F.	Read, William F.
Bamford, James H.	Holden, Charles H.	Robbins, Arthur E.
Bamford, William	Howard, Henry, Jr.	Robinson, William A.
Bennett, George W.	Howland, John J.	Rotch, Morgan
Bentley, Lewis E.	Hoye, James H.	Richardson, Louis H.
Blossom, Simpson J.	Humphry, J. L., Jr.	Sandford, Gardner T.
Bly, O. Frank	Hutchinson, Henry S.	Smith, Alexander T.
Bonneau, Francis A.	Kelley, Charles S.	Snow, Robert
Bourne, Standish	Kingman, G. D.	Sullivan, Daniel J.
Burt, Henry P.	Knowles, Thomas H.	Taber, Frederick
Coe, Isaac H., Jr.	Lewis, Edgar R.	Taylor, William T.
Coggeshall, R. C. P.	Lowe, John H.	Thilo, F. E.
Cook, Otis P.	Macy, Frederick B.	Thornton, Alfred
Denison, Henry C.	Macy, George I.	Vincent, Mark T.
Dias, Joseph	Macy, J. Roland	Washburn, Fred'ic A.
Dunham, Ernest A.	Manchester, Phil'd'r F.	West, William R.
Eldridge, John, Jr.	Maxfield, Edmund F.	Wilbor, Alfred G.
Francis, James P.	Nye, Willard, Jr.	Wilde, Edmund L.
Gifford, Charles H.	Paige, Walter H.	Wood, Edmund
Gifford, Frank H.	Paine, Charles L.	Wood, Horace
Gifford, Thomas J.	Parker, David L.	Wood, Thomas F.
Green, Everett	Penney, Edward F.	Yeager, Clement L.

POLICE DEPARTMENT.

CHIEF:
HENRY W. MASON

DEPUTY CHIEF:
JAMES L. WILBER

CAPTAINS :

JOHN C. PARKER, Day Force	ARTHUR H. JONES, Night Force
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LIEUTENANTS :	
LEMUEL D. ADAMS	CHARLES L. McBAY
SETH E. BRYANT	THOMAS J. TAFT
THOMAS W. COMSTOCK	JOSEPH B. WING
THOMAS FAY	

INSPECTORS :
FRANKLIN L. HATHAWAY GEORGE E. GENDRON

SERGEANTS :

EDMUND FOLEY	WILLIAM E. ROSCOE
CHARLES C. GIFFORD	HARRY D. STOW
JEREMIAH McCARTHY	WILLIS C. UNDERWOOD

CLERK :
HENRY N. WEST

COURT AND COMMITTING OFFICER :
LIEUT. LEMUEL D. ADAMS

**EMERGENCY OFFICER, STATION ONE :
PATRICK KENNEDY**

HEALTH OFFICER:
WILLIAM E. MACOMBER

MATRON :
MRS. SARAH M. BROWNELL

PATROLMEN :

Aldrich, Oscar F.	Loftus, Anthony
Allen, Charles E.	Lowther, George H.
Allen, Edward	McCarthy, Edward
Allen, Robert N.	McDonald, Daniel J.
Almond, Walter	McDonnell, James
Almond, William, Jr.	McDonnell, Patrick
Atwood, William W.	McEnnis, Robert B.
Benoit, William R.	McLeod, Samuel D.
Callanan, Thomas F.	Meehan, Daniel
Cannavan, Patrick	Mosher, Albert E.
Church, Charles B.	Murphy, Cornelius J.
Clough, George H.	Nickerson, Charles F.
Clark, Ulysses L.	Nye, Frederick L.
Cole, William T.	Oliver, John F.
Cowing, William J.	Pinkham, George W.
Cox, James M.	Raymond, Hiram E.
Dahoney, Thomas	Remington, Frank L.
Daley, Jeremiah E.	Ricketson, Harrison D.
Demers, Frank E.	Rooks, Albert H.
Deneen, Daniel	Rooks, John C.
Dodds, James	Russell, Eugene F.
Doherty, Edward P.	Savage, James W.
Durant, Lawrence J.	Sharples, Smith
Earley, Edward C.	Smith, Andrew J.
Eldridge, Washington A.	Smith, Charles F.
Fowler, William	Spooner, John C.
Gibbs, Nathaniel F.	Sullivan, James H.
Haffords, Stephen, Jr.	Sullivan, Timothy
Harrington, Daniel	Sweeney, Daniel P.
Holloway, Aarod B.	Sylvia, Frank W.
Howland, William A. E.	Taber, Jeremiah M.
Humphrey, Daniel J.	Tripp, Chester L.
Ivey, James A.	Vogel, Robert F.
Karcher, Frederick	Welsh, William
Kenney, Patrick	Willis, Rufus H.
Lawrence, George H.	Winslow, George F.
Lee, Allen L.	Wixon, James A.

HARBOR POLICE :

EDWIN P. SOWLE.

RESERVE POLICE :

Allen, Robert E.	Head, Edward E.
Ashley, Henry T.	Henderson, Joseph C.
Breault, Narcisse A.	Horton, Eliphail M.
Brightman, Ellery E.	Hynes, Edward A.
Caswell, Charles A.	Lamott, Benjamin
Connell, Daniel C.	Mack, Thomas E.
Craft, James F.	Maguire, Patrick J.
Crapo, Albert A., Jr.	McKinstry, Albert E.
Cushing, William S.	Murdy, Robert H.
Daley, Charles F.	Place, Joseph A.
Downey, Daniel	Ratcliffe, Robert B.
Dupuis, Wilfred H.	Sullivan, Matthew
Fay, John H.	Timber, George W.
Gay, Harry M.	Wilcox, Seth A.
Glennon, William F.	Williams, Benj. F., Jr.
Hayden, Abram L.	

WAGONMEN :

John M. Jones	George W. Paige
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DRIVERS :

Edward F. Jennings	William M. Ryan
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HOUSEKEEPERS :

Arnett, Henry	Mitchell, William H.
Arnett, James W.	Stevens, Henry
Dayton, Luther M.	Vogel, George
Manchester, John B.	Wilson, Thomas H.
McDonnell, Patrick	

JANITOR :

Moses C. Drew

CONSTABLES :

The members of the Police Force and

Dean, John H.	Perry, Samuel C.
McDonnell, Michael	Spooner, Arthur C.
Moore, Lewis S.	Blair, John K.
Patnaude, Joseph C.	

CITY GOVERNMENT.

KEEPER OF THE LOCKUP :

James L. Wilber

PROBATION OFFICER :

Edward Williams

SPECIAL POLICE OFFICERS :

Baker, Daniel W.	Donaghy, Joseph
Bartel, Leopold	Driscoll, Patrick J.
Bentley, Frank T.	Duckworth, William A.
Berry, James H.	Duffy, Thomas
Bliss, Frederick P.	Durfey, Richard T.
Bliss, William H.	Eldridge, Samuel T.
Booth, Benjamin T.	England, George
Borden, Prince S.	Etchell, Edward
Broadbent, Samuel S.	Fay, Miles H.
Brown, William L. G.	Ferguson, Joseph
Buckley, Alfred R.	Ferguson, William
Burgess, Stephen	Finn, Michael
Burke, Michael I.	Fitzgerald, James
Burke, William	Fournier, Napoleon J.
Butts, Henry R., Jr.	Francis, Frank W.
Callahan, John	Fuller, Jonathan A.
Chipman, James F.	Garant, Joseph
Clark, William	Garvin, Patrick F.
Clarkson, Nicholas J.	Geddis, Henry S.
Clynes, Thomas	Gibbs, Preston H.
Collins, John	Gibbs, William H. H.
Conklin, Abraham	Gifford, John
Connelly, Daniel J.	Glennon, Thomas F.
Corish, John	Greene, Marshall S.
Corley, Maurice C.	Hammer, Frederick M. (vet.)
Cornell, Charles F.	Harrington, Cornelius
Cornell, Sydney I.	Harrington, J., Clark st.
Crafts, James	Holloway, James T.
Cronin, Cornelius	Holmes, Ezra
Dammon, George K.	Holmes, John J.
Davenport, Charles H.	Houle, Dolor A.
Dean, Thomas F.	Howland, William G.
Deverik, John H. (vet.)	Hurl, Daniel
Devoll, George H.	

Johnson, Oscar	Quinn, Joseph
Johnson, W. H., Smith street	Rau, Gustavus L.
Joseph, John	Read, George P.
Karcher, Fred'k, Sr.	Read, Richard A.
Kelley, Hiram C.	Remington, John G.
Kennedy, Augustus M.	Reynolds, James R.
Kennedy, Thomas	Richie, David
Kent, James D. T.	Russell, James B.
King, Joseph T.	Sadler, William G.
Lapham, George W.	Salmon, John
Lawrence, Cyrus T.	Saxon, James H.
Leary, Dennis, Jr.	Shea, Michael J.
Little, Frank	Smith, Henry
Little, John E.	Smith, Henry H.
Lumbert, John	Spicer, Robert H.
Luther, Joseph P.	Staples, Ellis
Mathers, Joseph (vet.)	Stephens, Michael
Macomber, H. M.	Tallman, Edward S.
Miller, George	Taylor, William A.
Morgan, Elias T.	Taylor, William J.
Morrison, Thomas	Thomas, Edward, Jr.
Netcher, George F.	Thompson, Thomas
Nicholson, John B.	Tripp, Benjamin E.
Nye, George E.	Tripp, Leroy G.
Oliver, John	Ward, David G. F.
Palmer, Robert	Warfield, James H.
Parker, Charles W.	Waters, Charles O.
Partington, William	Watts, William H. C.
Peckham, Samuel W.	Weeden, Charles H. L.
Peirce, Anthony, Jr.	Wilbur, Allen R.
Perry, Samuel C.	Wilcox, Wm. H. (vet.)
Phillips, Henry T.	Wiley, James
Pierce, Thomas H.	Williston, Hiram L.
Pinelle, Joseph	Wilson, John
Place, William J.	Wood, James A.
Pollock, John H.	

MEASURERS OF WOOD AND BARK :

Allen, D. Edwin	Coxen, Charles H.
Ashley, Roland R.	Forbes, Joseph C.
Ashley, Andrew J.	Notter, John
Borden, Harrison T.	Phillips, Charles B.
Brownell, Chas. H.	Potter, Edwin L.
Buffinton, Linton M.	Rodman, Frank P.
Cobb, George A.	Snell, Geo. A.
Comey, Charles M.	Taber, Edward C.

SURVEYORS OF LUMBER :

Beetle, John H.	Doane, Joshua G.
Chase, Abram	Gray, Charles A., Jr.
Croacher, Thomas	Jennings, Ralph A.
Desmond, William F.	Longpre, Joseph Z.

MEASURERS OF GRAIN :

Jennings, Ralph A.	Rodman, Frank P.
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WEIGHERS OF COAL :

Agard, Charles A.	Jennings, Ralph A.
Briggs, Arthur S.	Lindsey, Robert
Butts, Frank A., Jr.	Lyng, William H.
Butts, James D.	Percy, T. A.
Coe, William A.	Raymond, William D.
Comey, Charles M.	Rodman, Frank P.
Cuddy, Edward C.	Rooth, H. Bartol
Day, Thomas E.	Russell, Pardon, Jr.
Donohue, Joseph F.	Soule, Rufus A., Jr.
Dunham, Zacheus C.	Spencer, Walter G.
Forbes, Joseph C.	Tripp, Jabez D.
Gifford, Chas. H.	Wood, John
Gile, John F.	Wordell, Wilson I.
Gray, Chas. A., Jr.	Young, Orville E.

PUBLIC WEIGHERS :

Agard, Charles W.	Beaulieu, Philip
Allen, Vital	Bernardo, Joseph
Almy, Walter C.	Blossom, Alonzo C.
Andrews, William	Bolton, Wright
Ashley, Roland R.	Boucher, John
Austin, Jonathan	Boucher, Edouard
Baldwin, Ben.	Bouvier, Joseph A.
Bariteau, Joseph L.	Briggs, Arthur S.
Bartlett, Robert W.	

Brownell, Charles H.
Budgen, Alfred
Buffinton, Lynton M.
Burke, Raymond
Butts, Frank A., Jr.
Butts, James D.
Byrne, James
Chace, John A.
Cobb, George A.
Coe, William A.
Collins, John
Coney, Charles M.
Comisky, John
Cook, Edward H.
Cooper, Albert
Cooper, Samuel
Cornell, Lester S.
Coughlin, Emmett P.
Cuddy, Edward C.
Curtis, Daniel J.
Cushing, Joseph B.
Cushman, Everett M.
Davis, Edwin F.
Day, Thomas E.
Dean, L. C.
Deneault, Moise, Jr.
Dias, Joseph, Jr.
Donaghy, James J.
Dion, Walter
Donahue, Joseph F.
Donley, Wm.
Dow, Wm. A.
Downey, Abraham
Dunham, Zacheus C.
Findlay, Thos. S.
Foley, Timothy
Forbes, Joseph C.
Frates, Joseph
Gallagher, Wm.
Galligan, Patrick
Gardner, Wm. B.
Gelinas, Hector

Gendron, Joseph
Gifford, John I.
Gifford, Chas. H.
Gile, John F.
Gilmore, Thomas
Girvan, Douglass
Gray, Charles A., Jr.
Haggerty, Michael
Hamlin, Mitchell
Harney, John
Harrison, John
Hawes, George W.
Hayden, Edward D.
Head, Frank
Hess, Christian
Higginbottom, George
Hitch, Frank B.
Jennings, Albert
Jennings, Charles E.
Jennings, George L.
Jennings, John W.
Jennings, Ralph A.
Johnson, Fred
Jordan, Frank C.
Kiernan, James F.
King, Joseph F.
Kinney, E. D.
Lafoille, Peter
Lagasse, Telesphore
Lambert, Edmund A.
Leavitt, C. D.
Lees, Lewis
Lees William
Leger, Joseph
Lewis, Edgar R.
Lindsey, Robert
Littler, Henry
Lusier, Joseph
Lynch, F. S.
Lyng, Fred S.
Lyons, John
Marsden, Nelson H.

Menton, Joseph
 McCarty, Mortimer
 McGuin, John
 Millette, Peter
 Nault, Joseph P.
 Neagus, John P.
 Newcomb, Michael
 Paul, George H.
 Percy, T. A.
 Pierce, David H.
 Pool, William H.
 Potter, Albert L.
 Potter, Edwin L.
 Raymond, William D.
 Reed, John
 Reynolds, Willard E.
 Reynolds, William
 Richardson, Clifford
 Robbins, Harry
 Robinson, Frank J.
 Rodman, Frank P.
 Rooth, H. Bartol
 Russell, Pardon, Jr.
 Sheehan, Michael
 Sherman, Edward R.
 Smiley, Frederick G.
 Smith, Henry H.
 Smith, Thomas D.
 Smith, William

Soule, Rufus A., Jr.
 Spencer, John W.
 Spooner, Charles
 Stanton, John C.
 Stedman, Harold
 Sullivan, Jeremiah T.
 Sullivan, Peter F.
 Sullivan, William H.
 Swazey, Antone E.
 Sylvia, Antone L.
 Taber, Edward C.
 Thibault, L. J.
 Thompson, Gilbert T.
 Thompson, Robert
 Tomlinson, Peter
 Tripp, Desmond W.
 Tripp, Jabez D.
 Tripp, John E.
 Vance, Walter R.
 Waime, George
 Walton, Ephraim
 White, Peter
 Wilson, Wallace B.
 Wing, Charles S., Jr.
 Wood, Clarence E.
 Wood, John
 Wordell, Wilson I.
 York, Joseph
 Young, Orville E.

WEIGHERS OF BOILERS AND HEAVY MACHINERY:

Briggs, Arthur S.
 Butts, Frank A., Jr.
 Forbes, Joseph C.
 Gifford, Charles H.
 Gray, Charles A., Jr.
 Jennings, Ralph A.
 Raymond Wm. D.

Rooth, H. Bartol
 Russell, Pardon, Jr.
 Soule, Rufus A., Jr.
 Spencer, Walter G.
 Swazey, Antone E.
 Wilson, Wallace B.
 Wood, John

FENCE VIEWERS

Cobb, George A.
 Russell, John A.

Tuell, Joseph B. C.
 Young, James A.

FIELD DRIVERS

The Police
 Wm. H. Johnson (Smith st.)

John B. Manchester

POUND KEEPERS :

Arnett, James W.
Cook, George H.
Dayton, Luther M.
Dufresne, Adolph

Humphrey, Daniel J.
Manchester, John B.
Wilson, Thomas H.

BOARD OF LICENSE COMMISSIONERS.

JOHN O'NEIL,
FRANK M. SPARROW,
JOHN A. BANNISTER,

Term expires June, 1906
Term expires June, 1908
Term expires June, 1910

FRANK M. SPARROW, Chairman.

1905 — CITY DOCUMENT — No. 3.

. THIRTY-FIFTH ANNUAL REPORT

OF THE

NEW BEDFORD WATER BOARD

TO THE

CITY COUNCIL

CONTAINING

I.

The Report of the Water Board for 1904.

II.

The Report of the Water Registrar.

III.

The Report of the Superintendent.

DECEMBER 30, 1904.

NEW BEDFORD :

**THE A. E. COFFIN PRESS, CITY PRINTERS,
1905.**

NEW BEDFORD WATER BOARD.

1905.

CHARLES S. ASHLEY, . . { *Mayor of City and*
 { *President of Water Board.*
SAMUEL HIGHAM, *President of the Common Council.*
LETTICE R. WASHBURN, . . . Term expires June, 1905.
ZEPHANIAH W. PEASE, . . . Term expires June, 1906.
WILLIAM E. SMITH, Term expires June, 1907.

ROBERT C. P. COGGESHALL, *Clerk of Board and Supt.*
CLIFFORD BAYLIES, . . . *Water Registrar.*
ADONIRAM S. NEGUS, . . . *Pumping Engineer.*
JOHN C. DEMELLO, JR., *Foreman, distributing system.*
ARTHUR R. WEEKS, . . . *Superintendent's Clerk.*
JOHN B. WILBUR, *Inspector.*
GILBERT B. BORDEN, JR., "
ALONZO W. SPOONER, "
FRANK M. HAMLIN, "

REPORT.

CITY OF NEW BEDFORD,
OFFICE OF THE NEW BEDFORD WATER BOARD,
DECEMBER 30th, 1904.

To the City Council of the City of New Bedford :

GENTLEMEN: — The New Bedford Water Board herewith presents its thirty-fifth annual report.

At the present time we have in storage in Great and Little Quittacas Ponds, a supply of water adequate to meet all demands of our consumers for many months to come. We emphasize this fact, as a drought of unusual severity prevails at the present time throughout the whole of New England. Suffering and inconvenience is now in general evidence through insufficient sources of water supply. In bygone years, we, too, have experienced the unwelcome troubles due to shortage in supply, when the dry periods came to us. This experience was valuable in making the plans for the new supply. We did not provide simply for tomorrow, but with the idea that we might be called upon to provide amply for a much larger community through trying conditions of drought. This anticipation we are able to meet, and our citizens are to be congratulated upon being able to enjoy the satisfactory possession of a supply excellent in quality and ample in quantity.

The rate of consumption remains substantially the same as that of last year. Some months show an increase, others a decrease. As a whole, it is in the direction of a slight increase. We feel that our words of last year are appropriate to repeat at this time. We then said: "We have no concern regarding the lack of supply at the pumps for many years to come, but we do feel that this gradual increase is unduly hastening the day when the placing of an additional main from High Hill reservoir to the city will become an imperative demand. This means a substantial outlay. We are fully persuaded that a large proportion of each daily supply is not used legitimately. Large volumes are allowed to run to waste. There appear to be many takers who fail to appreciate that the city water pumped into the reservoir, conducted to the city and delivered into the premises of the takers has a value; that every gallon wasted represents the useless consumption of a certain amount of coal, and that this gradual increase will finally compel the large outlay alluded to above. Whatever can be done to confine the consumption within its present limits is a move in the right direction."

Probably the most difficult problem with which water departments have to contend is the keeping of the large body of water which is held in storage free from a disagreeable taste and odor. There is no section which does not suffer more or less from this trouble. The cause can be traced to a vegetable growth which appears and thrives in the water through an inexplicable cause. Hundreds of water supplies are ruined for domestic use through this cause. This is the growth known as "Algae." They are a flowerless plant usually of a blue green color. There are hundreds of different species, but only a few impart an offensive taste and smell to the water. The organism known as "Anabena" is particularly dreaded. When once it appears, the rapidity with which it will multiply, is really marvellous. An immense amount of time has

been given and large sums of money have been expended upon investigations to find a way to counteract this condition, but thus far without any marked success. It is known that "Algae" will not grow in the dark, but it is of course impractical to roof over our large ponds.

Within the last year or two, it has been discovered that sulphate of copper (blue vitrol) dissolved in the water in minute quantities, will quickly destroy the "Anabena." It remains for the scientist to determine whether or not this treatment will render the water unfit for domestic use. "Anabena" frequently manifested itself in the Long Plain Storing reservoir, which was a part of the old water supply system, to the annoyance of the water takers. The State Board of Health is now taking advantage of the non use of this reservoir. It has been giving the water a critical study during the past season. Every week samples have been sent to the laboratory of the Board, for examination. Now that it has obtained a satisfactory history of this water, it proposes to submit this body of water to experimental tests with copper sulphate during the coming season. The result will be watched with great interest, and it is hoped it may demonstrate the means whereby a source of much annoyance may be overcome.

On January 14th, George H. Hedge presented his resignation as a member of this Board, to the City Council, which was accepted by them.

On June 24th, William E. Smith was elected a member of this Board for the term to end in June, 1907.

On June 24th, Lettice R. Washburn was elected a member of this Board for the term to end in June, 1905.

On January 19th, Gilbert B. Borden, jr., was appointed to the position of inspector in this department for the probationary term of six months, at a salary of \$2.00 per day. On December 30th, this appointment was made permanent.

On January 19th, Clarence P. Jenney was appointed to the position of inspector in this department for the probationary term of six months, at a salary of \$2.00 per day.

On February 20th, Alonzo W. Spooner was appointed to the position of inspector in this department for the probationary term of six months, at a salary of \$2.00 per day. On December 30th, this appointment was made permanent.

On March 5th, Clarence P. Jenney resigned his position as inspector in this department, the same to take effect on March 5th.

On March 3, Frank M. Hamlin was appointed to the position of inspector in this department for the probationary term of six months at a salary of \$2.00 per day. On December 30th, this appointment was made permanent.

Thirteen thousand, seven hundred fifty-eight feet of main distributing pipe have been laid, and two thousand three hundred fifty-eight feet of that previously laid has been removed. The total amount of main distribution pipe now in use, four inch and upwards in size, is 102.2856 miles.

The number of service pipes has been increased 262. The total number now in use is 10,166.

One hundred ninety-one meters have been added during the year. The total number now in use is 2,145.

Forty-six petitions for extension of main distribution pipe have been presented to us. Of this amount forty-two have been granted.

On February 23rd, a contract was signed with the Warren Foundry & Machine Co., of Phillipsburg, New Jersey, for 228 tons of cast iron pipe and special castings. The consideration was \$23.50 per ton of 2,000 lbs. for straight bell and spigot pipe, and \$50.00 per ton of 2,000 lbs. for special castings. These prices include delivery on wharf in this city.

Shortly after the presidential election in November, it was evident that cast iron was to rapidly advance in price. The Board decided it wise to immediately take advantage of the prices then quoted for spring delivery of the stock needed for the operation of next year. Accordingly, on December 8th, a contract was signed with the Warren Foundry & Machine Co., of Phillipsburg, New Jersey, for 239 tons of cast iron pipe and special castings. The consideration was \$25.35 per ton of 2,000 lbs. for straight bell and spigot pipe, and \$55.00 per ton of 2,000 lbs. for special castings. These prices include delivery on wharf in this city in April next.

On May 11th, a contract was executed with George W. Townsend, of Boston, for the laying of a six inch flexible jointed pipe across the channel from the abutment of the New Bedford and Fairhaven bridge on the east side of Fish Island, to the abutment of said bridge on the west side of Pope's Island.

On June 20th, an agreement was made with John Duff, Esq., which provides a right of way to a strip of land, controlled by him, located on the east side of Fish Island, next adjacent to the south side of the New Bedford and Fairhaven bridge, for the purpose of maintaining a water pipe therein. In consideration of the privilege granted, we agreed to erect and maintain a fire hydrant upon this land to be used by him for the protection of his property in case of fire.

On July 15th, a contract was signed by the fuel committee of the City Council, with the Garfield & Proctor Coal Co., for 1,400 gross tons of George's Creek Cumberland coal, to be delivered upon cars at Braley's Station, for use at the Little Quittacas Pumping Station. Thirty tons, same quality coal, to be delivered at the Purchase Street Pumping station, and eighteen gross tons, same quality coal, to be delivered at workshop on North Water street. Consideration, \$5.50 per gross ton delivered.

WATER REPORT.

The following is a brief statement of the financial operations of the past year:

Balance, Dec. 1, 1903,	\$4,696.37
Receipts for the year, all sources,	155,205.25
	<hr/> \$159,901.62

The charges have been as follows:

Expenditures for management and repairs,	\$128,021.16
Expenditures for extensions,	30,338.37
	<hr/> \$158,359.53
Which leaves a balance to the credit of the works on the books of the City Treasurer, Dec. 1, 1904,	\$1,542.09

The figures given below are formulated to indicate the amount raised by tax levy for the current year to provide for deficit of the Water Works account.

DEBITS.

Balance Dec. 1, 1903,		\$4,696.37
Receipts from water rates,	\$129,434.89	
Receipts from other sources,	13,770.86	143,205.25
General appropriation for use of water for public purposes,		12,000.00
General appropriation from tax levy to make up deficit,		\$67,480.00
		<hr/> \$227,381.62

WATER REPORT.

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CREDITS.

Management and repairs, less interest, bonds paid, and sinking funds,	\$49,021.16	
Extension of works,	30,338.37	
Interest on bonds, general appropriations,	\$61,480.00	
Interest on Sylvia Ann How- land fund, general appro- priations,	6,000.00	
Interest paid from water rates,	5,000.00	
Bonds paid from water rates,	30,000.00	102,480.00
Sinking funds (further supply) paid from water rates,	40,000.00	
Sinking funds, paid from water rates,	4,000.00	
Balance, Dec. 1, 1904,	1,542.09	\$227,381.62

The actual outlay for the construction of these works, exclusive of debt, interest, and management and repair account, is \$3,261,678.78.

Accompanying this report and a part of it, are the reports of the Water Registrar and of the Superintendent, which appear in the following pages.

Respectfully submitted,

CHAS. S. ASHLEY, <i>President</i> ,	}	<i>New Bedford Water Board.</i>
SAMUEL HIGHAM,		
LETTICE R. WASHBURN,		
ZEPHANIAH W. PEASE,		
WILLIAM E. SMITH,		

REPORT OF WATER REGISTRAR.

CITY OF NEW BEDFORD,
WATER REGISTRAR'S OFFICE,
December 1st, 1904.

To the New Bedford Water Board :

GENTLEMEN:—I herewith submit the annual statement of the receipts and expenditures of the Water Works Department for the year ending at this date.

RECEIPTS.

Balance, Dec. 1st, 1903,		\$4,696.37
Receipts for water :		
Rates, domestic fixtures,	\$75,604.78	
Rates, domestic meters,	39,891.54	
Rates, domestic estimated,	1,154.53	
Rates, manufacturing meters,	12,421.62	
Rates, manufacturing estimated,	862.42	
Appropriations for public buildings, fire hydrants, drinking fountains, parks, cemeteries, etc.,	12,000.00	\$141,434.89
Receipts from mains,		3,173.71
Services,		4,274.10
Mill piping,		449.24
Meters,		3,578.70
Miscellaneous,		105.75

WATER REPORT.

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Workshop,	82.15	
Sealing mill fixtures,	73.70	
Pumping station,	17.00	
Fines,	22.00	
Fountains,	3.38	
Maintenance of horses,	26.06	
Lands, buildings, taxes, etc.,	1,902.27	
Quittacas pumping station,	2.74	
Hydrants,	3.81	
High Hill reservoir,	55.75	155,205.25
		<u>\$159,901.62</u>
Expenditures for the year ending Dec. 1st, 1904,		158,359.53
Balance cash in treasury, Dec. 1st, 1904,		<u>\$1,542.09</u>

EXPENDITURES.**Management and Repairs.**

Superintendent's department, salaries,	\$5,428.84	
Water Registrar and Inspector's salaries,	5,163.78	
Pumping expenses, engineers, firemen and watchmen :		

Salaries and labor,	\$6,946.08	
Fuel,	8,686.62	
Oil, waste, packing and lighting,	354.23	
Other supplies,	645.88	
Repairs of engines,	193.61	
Repairs of boilers,	196.18	
Buildings and grounds,	1,950.78	
Miscellaneous,	228.65	19,202.03

Mains :

Cast iron pipe,	153.31	
Stop gates,	286.36	
Hydrants,	387.79	
Flushing and inspecting,	144.05	971.51

Services :

Pipe,	275.13	
Renewing and driving stop boxes,	487.40	
Clearing stops, taps, and pipe,	329.15	1,091.68
Fountains :		146.03

Meters :	482.31
----------	--------

General maintenance :

Printing, stationery, advertising and postage,	883.48
Car fares, express, telephone, telegraph,	537.83
Horses and carriages,	1,642.89
Labor at workshop,	1,647.58
Materials at workshop,	292.58
Heating and lighting at workshop,	245.55
Repairs at workshop,	160.00
Miscellaneous,	917.15
Lands, buildings, and taxes,	1,604.84
Great and Little Quittacas connection,	89.94
Little Quittacas pond and intake,	199.67
48 inch steel force main,	831.48
High Hill reservoir,	581.81
36 inch distributing main,	131.00
Connection, Little Quittacas pond,	295.03
Storing reservoir,	82.91
Conduit,	.45
Receiving reservoir,	1,022.48
Mt. Pleasant distributing reservoir,	1,241.29
Railroad,	1,226.44
Purchase street station,	2,431.45
Sealing mill fixtures,	29.22
Engineer's house,	440.13

Sinking funds paid from water rates :

Further water supply,	\$40,000.00	
Old supply,	2,800.00	
Bonds of 1900,	1,200.00	44,000.00
Bonds paid from water rates,		30,000.00
Interest paid from water rates,		5,000.00
		\$128,021.16

EXTENSIONS.

Mains .

Main pipe and special
castings,

\$7,283.71

Stop gates,

584.85

Hydrants,

304.54

Lead and gasket,

842.67

Tools,

1,295.07

All other supplies,

685.97

Freight and carting,

29.76

Labor,

8,949.66

\$19,976.23

Services :

Pipe,

2,066.89

Taps and stops,

337.18

All other supplies,

477.31

Labor,

2,121.53

Plumbing,

575.96

5,578.37

Meters,

2,379.99

Mill piping,

513.49

Water cart hydrants,

19.20

Fountains,

721.94

Balance of engineering, further supply,

1,149.15

30,338.37

Total expenditures for the year,

\$158,359.53

Whole outlay upon the works to this date,

\$4,840,563.32

Balance, Dec. 1st, 1904,

1,542.09

\$4,842,105.41

The receipts from the commencement of the works to this date have been as follows, viz:

Appropriations by the City Council,	\$1,038,000 00
Net appropriations for further supply,	1,316,639.60
Receipts from water and other sources.	<u>2,587,465.81</u>
	\$4,942,105 41
Deduct total outlay,	<u>4,940,563.32</u>
Balance as above, Dec. 1st, 1904,	1,542.09
Outlay,	\$4 940,563.32
Deduct from outlay,	
Paid for management and repairs,	\$943,996.40
Interest paid,	167,788.14
Bonds paid,	315,000 00
Sinking funds,	34,100.00
Sinking funds, (further supply),	212,000.00
Sinking funds, bonds of 1900,	<u>6,000.00</u>
	1,678,884.54
Actual cost of works,	<u>\$3,261,678.78</u>
Total receipts for water,	\$2,587,465.81
Deduct the amount for maintenance, debt, interest, and sinking funds,	<u>1,678,884.54</u>
Water receipts applied to construction,	\$908,581.27

The funds for the construction of these works have been derived from the following sources:

Investment of Sylvia Ann Howland educational bequest,	\$100,000.00
Sylvia Ann Howland water bequest,	100,000.00
Received from sale of bonds,	815,000.00
Net receipts applied to construction,	908,581 27
Appropriations in 1885, for construction,	23,000.00
Net proceeds from sale of bonds, etc., further supply,	1,316,639 60
	<u>\$3,263,220.87</u>
Deduct balance, Dec. 1st, 1904,	1,542.09
Cost of works as stated above,	<u>\$3,261,678.78</u>

WATER REPORT.

The water debt at this date is as follows:

Water bonds, 7 per cent.,	\$50,000.00
" " 6 " "	100,000.00
" " 4 " "	140,000.00
" " 4 " " (further supply)	1,200,000.00
" " 3½ " "	48,000.00
Sylvia Ann Howland bequest, 6 per cent.,	100,000.00
	<hr/>
	\$1,638,000.00
Less sinking funds,	292,016.99
	<hr/>
Net water debt, Dec. 1st, 1904,	\$1,345 983 01

Outlay for management and repairs,	\$128,021.16
Outlay for extensions,	30,338.37
	<hr/>
	\$158,359.53

Deductions:

Receipts for services,	\$4,274.10	
Receipts for meters sold,	3,578.70	
Receipts for mains,	3,173.71	
Receipts, miscellaneous,	2,743.85	13,770 36
		<hr/>
Net expenditures,		\$144,589.17

Amount appropriated in 1904 for interest on water loan,	\$67,480.00
Expenditures by the Water Board,	144,589.17
	<hr/>
Actual amount expended in 1904,	\$212,069.17

Water receipts in 1904,	\$141,434.89
Water receipts in 1903,	136,124.26
	<hr/>
Increase in 1904,	\$5,310 68

Respectfully submitted,

CLIFFORD BAYLIES,

Water Registrar.

SUPERINTENDENT'S REPORT.

NEW BEDFORD WATER WORKS,
SUPERINTENDENT'S OFFICE,
December 5th, 1904.

To the New Bedford Water Board:

GENTLEMEN:—I herewith present the thirty-fifth annual report of the Superintendent for the year ending December 1st, 1904.

Tables are herewith inserted, showing rainfall record at the Little Quittacas Pumping Station and Storing Reservoir at Long Plain. These are followed by a series of tables, showing result of chemical analysis of samples of water taken from different localities. The latter tables are kindly supplied by Chief Engineer Goodnough of the Massachusetts State Board of Health.

RAINFALL AT QUITTACAS PUMPING STATION FOR 1904.

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		.22	.32	1.77			.05					
2						.49		1.01				
3			.06			.10						
4												.27
5												
6		.24					.15	1.50		.06		
7	.05		1.05	.13		.33						
8						.67		.20				.08
9										.14	.17	
10				1.60	1.68		.07		.10			.12
11			.04	.03	.13			1.15				
12	.05			.65					.10			
13	.66	.35								.87	1.76	.47
14				.03								
15		.60	.22		.08				1.70			
16	.15			.48	.07			.05				.31
17												
18			.52									
19		.27		.20	.67							
20	.05				.25							
21						.13		.47	.06	.67		
22		1.63				.70						
23	.88		.17									
24	.12	.54			.05		1.04				.05	.05
25				.05								
26	.57					.43			.05	.12		.30
27					.10		.32					
28		.19										1.70
29	.30			.28		.82	.05					
30				.06		.71			.65		.38	.04
31			.04		.37							
Totals	2.83	4.04	2.42	9.28	3.40	4.38	1.68	4.38	2.66	1.86	2.36	3.34

Total fall for the year, 42.63 inches.

RAINFALL AT ACUSHNET STORING RESERVOIR FOR 1904.

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		.26		1.82			.74					
2								.92				
3	1.42					.65						
4												
5												.29
6		.22		.15			.21	2.90				
7					1.47							
8						1.33						
9	.82			1.95	.40						.36	
10			.87		.14							
11				.54				.43			.09	
12												
13		.52								.83		.67
14	.50											
15			.18	.42	.10				1.75			
16	.18											.39
17												
18			.49		.10							
19												1.11
20		.25		.15	.39			.46				
21						.17				.42		
22		1.63	.20									
23							1.15					
24	1.00	.31				.80						
25												
26						.19				.13		.18
27									.15		.11	.72
28		.19										
29				4.57								
30	.35					.86					.36	
31					.64							
Totals	4.27	3.38	1.74	9.60	3.24	4.00	2.10	4.71	1.90	1.38	.92	3.36

Total fall for the year, 40.60 inches.

WATER ANALYSIS — STATE BOARD OF HEALTH. PARTS IN 100,000.

Number	DATE OF		APPEARANCE		ODOR		RESIDUE ON EVAPORATION			AMMONIA			CHLORINE		NITROGEN AS		Oxygen consumed	Hardness	Iron
	Collection	Examination	Turbidity	Sediment	Color	Cold	Hot	Total	Loss on ignition	Fixed	Free	Total	In solution	In suspension	Nitrates	Nitrites			
43,885	1904 Feb. 23 | 24		None	Slight	.26	Faintly vegetable	Faintly vegetable	3.70	1.70	2.00	.0028	.0188	.0148	.0020	.0000	.0001	.46	0.6	—
49,462	May 16 | 17		Slight	Slight	.32	Faintly vegetable	Faintly vegetable	2.85	1.45	1.40	.0018	.0188	.0122	.0016	.0010	.0000	.46	0.6	—
52,214	Nov. 23 | 25		Slight	Slight	.24	Faintly vegetable	Faintly vegetable	3.25	1.20	2.05	.0016	.0152	.0138	.0014	.0010	.0000	.40	0.6	—

These samples were collected from
Little Quitacas Pond.

Scale of color:—

- 0—Colorless.
- 1—Yellowish brown tint.
- 2—Deep yellowish brown tint.

WATER ANALYSIS — STATE BOARD OF HEALTH.

PARTS IN 100,000.

Number	DATE OF		APPEARANCE		ODOR		RESIDUE ON EVAPORATION			AMMONIA				CHLORINE		NITROGEN AS		Oxygen consumed	Hardness	Iron
	Collection	Examination	Turbidity	Sediment	Cold	Hot	Total	Loss on ignition	Fixed	Free	Total	In solution	In suspension			Nitrates	Nitrites			
48,894	1904 Feb. 23 | 24		None	Slight	Faintly vegetable	Distinctly vegetable	4.80	2.40	1.80	.0082	.0174	.0180	.0014	.59	.0010	.0001	.0001	.87	0.6	—
49,461	May 16 | 17		Slight	Slight	Distinctly vegetable	Distinctly vegetable	3.55	1.85	1.70	.0016	.0156	.0148	.0008	.48	.0010	.0000	.0000	.75	0.6	—
52,213	Nov. 23 | 25		Slight	Slight	Faintly vegetable	Faintly vegetable	3.15	1.40	1.75	.0014	.0152	.0184	.0018	.54	.0010	.0000	.0000	.50	0.6	—

These samples were collected from
Great Quittacas Pond.

Scale of color:—

- 0—Colorless.
- 1—Yellowish brown tint.
- 2—Deep yellowish brown tint.

WATER ANALYSIS — STATE BOARD OF HEALTH. PARTS IN 100,000.

Number	DATE OF		APPEARANCE		ODOR		RESIDUE ON EVAPORATION			AMMONIA			CHLORINE		NITROGEN As		Oxygen consumed	Hardness	Iron
	Collection	Examination	Turbidity	Sediment	Color	Cold	Hot	Total	Loss on ignition	Fixed	Free	Total	In solution	In suspension	Nitrates	Nitrites			
48,883	1914 Feb 23	24	None	Slight	.27	Faintly unpleasant	Faintly unpleasant	2.50	1.35	1.15	.0036	.0100	.0094	.0006	.0010	.0002	.40	0.6	—
49,460	May 16	17	Slight	Slight	1.36	Distinctly vegetable	Distinctly vegetable	3.95	2.45	1.50	.0028	.0192	.0160	.0032	.0020	.0000	1.18	0.5	—
52,215	Nov. 23	25	Slight	Slight	.47	Faintly vegetable	Distinctly vegetable	3.70	2.15	1.55	.0010	.0192	.0170	.0022	.0010	.0000	.75	0.5	—

These samples were collected from
Long Pond.

Scale of color—

- 0—Colorless.
- 1—Yellowish brown tint.
- 2—Deep yellowish brown tint.

WATER ANALYSIS — STATE BOARD OF HEALTH.

PARTS IN 100,000.

Number	DATE OF		APPEARANCE		ODOR		RESIDUE ON EVAPORATION			AMMONIA			CHLORINE		NITROGEN AS		Oxygen consumed	Hardness	Iron
	Collection	Examination	Turbidity	Sediment	Color	Cold	Hot	Total	Loss on ignition	Fixed	Free	Total	Albuminoid		Nitrates	Nitrites			
													In solution	In suspension					
48,916	Feb. 25	28	Slight	Slight	1.24	Decidedly vegetable	Decidedly vegetable	6.00	3.25	2.75	.0072	.0214	.0189	.0036	.0030	.0002	1.11	1.4	
48,403	May 16	17	Slight	Slight	1.70	Decidedly vegetable	Decidedly vegetable	4.80	3.05	1.75	.0050	.0268	.0252	.0024	.0020	.0000	1.50	1.0	
48,660	June 10	11	None	Slight	1.60	Distinctly vegetable	Decidedly vegetable	4.90	3.16	1.75	.0050	.0360	.0376	.0084	.0020	.0000	1.34	0.6	
48,831	June 26	27	Slight	Considerable	1.60	Distinctly vegetable	Decidedly vegetable	5.25	2.90	2.35	.0086	.0356	.0374	.0078	.0010	.0000	1.54	0.6	
48,882	June 28	27	Slight	Slight	1.45	Distinctly vegetable	Decidedly vegetable	4.90	2.90	2.00	.0032	.0364	.0244	.0060	.0010	.0000	1.82	0.6	
48,967	July 4	6	Slight	Slight	1.40	Distinctly vegetable	Decidedly vegetable	4.70	2.90	1.80	.0044	.0360	.0272	.0028	.0000	.0000	1.34	1.0	
48,968	July 4	6	Slight	Slight	1.40	Distinctly vegetable	Decidedly vegetable	4.70	2.90	1.80	.0032	.0334	.0256	.0028	.0020	.0001	1.39	0.8	
50,051	July 11	12	Slight	Slight	1.40	Faintly vegetable	Distinctly vegetable	5.25	3.80	1.45	.0024	.0302	.0282	.0040	.0010	.0001	1.68	0.8	
50,052	July 11	12	Slight	Slight	1.15	Faintly vegetable	Distinctly vegetable	4.70	2.75	1.95	.0024	.0282	.0258	.0020	.0010	.0000	1.34	0.6	
51,378	Sept. 25	27	Slight	Slight	1.05	Distinctly vegetable	Distinctly vegetable	4.65	2.40	2.25	.0012	.0238	.0228	.0036	.0000	.0000	1.10	0.6	
51,618	Sept. 25	27	Slight	Slight	1.00	Distinctly vegetable	Faintly vegetable	4.65	2.40	2.25	.0024	.0256	.0228	.0036	.0000	.0000	.96	0.6	
51,619	Oct. 10	11	Slight	Slight	1.00	Distinctly vegetable	Distinctly vegetable	4.80	2.50	2.30	.0032	.0264	.0240	.0032	.0040	.0000	.98	1.3	
51,708	Oct. 10	11	Slight	Slight	1.05	Faintly vegetable	Distinctly vegetable	4.85	2.50	2.35	.0028	.0244	.0212	.0032	.0040	.0000	.98	0.8	
51,709	Oct. 16	18	Slight	Slight	.80	Distinctly vegetable	Decidedly vegetable	4.50	2.20	2.30	.0028	.0256	.0256	.0040	.0000	.0000	.96	1.0	
51,813	Oct. 16	18	Slight	Slight	.95	Faintly vegetable	Decidedly vegetable	4.35	2.05	2.30	.0012	.0256	.0228	.0040	.0040	.0000	1.02	0.6	
51,814	Oct. 23	25	Slight	Slight	.80	Distinctly vegetable	Decidedly vegetable	4.30	2.20	2.10	.0028	.0256	.0212	.0024	.0020	.0000	.90	1.3	
52,168	Nov. 23	25	Slight	Slight	.85	Faintly vegetable	Faintly vegetable	4.25	2.15	2.10	.0028	.0252	.0232	.0020	.0020	.0000	.84	1.0	
52,169	Nov. 20	22	Slight	Slight	.68	Distinctly vegetable	Decidedly vegetable	4.60	2.35	2.25	.0036	.0216	.0204	.0012	.0040	.0000	.82	1.0	
52,170	Nov. 20	22	Slight	Slight	.65	Faintly vegetable	Decidedly vegetable	4.20	2.20	2.00	.0032	.0220	.0190	.0020	.0040	.0000	.82	1.0	
52,171	Nov. 20	22	Slight	Slight	.65	Distinctly vegetable	Decidedly vegetable	4.05	1.90	2.15	.0048	.0228	.0196	.0052	.0040	.0000	.83	1.0	

These samples were collected from the Old Storing Reservoir.

Scale of color:—

0—Colorless.

1—Yellowish brown tint.

2—Deep yellowish brown tint.

At this date much anxiety exists throughout New England as the result of the serious drought now prevalent in every direction. For many weeks the precipitation has been very minute. Far below the average. Wells and springs have either become very low or have been entirely exhausted. Swamps and streams are in a similar condition, and the storing basin of many a supply in the territory named has been reduced to a very low ebb. Added to this is the unwelcome fact that winter weather has materialized in good earnest, and that with the swamps unfilled. The average temperature of November was the lowest for many a year, and the ground has now become well frozen. The now limited supply of a number of our sister cities has compelled the officials connected therewith to resort to extreme measures in the prevention of wastage. All this may indeed sound strange to this community, which continues to enjoy a bountiful supply without any restraint. But the fact is this. The present daily consumption of many a city and town now suffering for lack of supply, really passed its safe supply limit many years ago. They are in a condition similar to that which we of this city found ourselves previous to the introduction of the Quittacas Supply. Our experience teaches that the day finally comes when governments are compelled to recognize the fact that water plants well balanced in every detail for the day of its construction may in a term of years finally become totally unfit to meet the requirements of an enlarged condition. When we were brought face to face with this situation, involving the expenditure of a large amount of money, we succeeded in satisfactorily solving the problem. As the result, we now have ample amounts in storage of that, the use of which many cities and towns are now compelled to restrain. They, too, must heed the experience through which they are now passing, if they

wish a bettered condition in the future. New supplies and enlarged capacities compel heavy expenditures, but that is the penalty that must be paid to insure a satisfactory result.

. The surface of Great Quittacas Pond has varied from elevation 50.95 on March 20th to elevation 48.75 upon this date.

The surface of Little Quittacas Pond has varied from elevation 50.07 on May 15th to elevation 45.60 on October 19th. - At this date it is at elevation 48.33.

As some of the stone work in the retaining wall at Little Quittacas end of the embankment, which covers the conduit connection between Great and Little Quittacas Ponds, was displaced by reason of action of heavy ice during last winter, this pond was purposely drawn down to the level of October 19, to allow the necessary repairs to be made. This was thoroughly done in the space of a few days. At the same time advantage was taken of this low level of water to prosecute a thorough cleaning of the shore line around the entire pond.

The ground around the Little Quittacas Pumping Station has been maintained to the usual standard of previous years.

All woodwork connected with the Little Quittacas Pumping Station, the gate houses near at hand and the engineer's dwelling have received a coat of paint.

The Little Quittacas Pumping Station continues to operate in a highly satisfactory manner. Every detail will be found in prime order. The engines continue to maintain the high record established in previous years. I feel quite certain that this excellent result may be further raised by the addition of a flue economizer. The temperature of the feed water as it now enters the boiler averages 175 degrees. The temperature of the flue gases is about 425 degrees. It would seem as if there should be some way to utilize this escaping heat. Will the

interest and yearly depreciation upon the cost of installing and maintaining some form of economizer prove a good investment when compared with the amount of fuel saved due to said installation, is the question to consider. I would recommend that this matter receive your investigation.

The following statistics relate to the operations at this station during the year.

Total quantity pumped (gallons)	2,562,598,170
Total coal used (pounds)	3,082,575
Gallons pumped per pound of coal	881
Daily average quantity pumped (gallons)	8,135,232
Average head pumped against (feet)	185.02

The cost of pumping has been as follows:

Figured on pumping expenses as stated in detail in Water Registrar's Report	\$19,202.03
Cost per million gallons pumped into reservoir	\$7.49
Cost per million gallons raised one foot high	4.18 ⁸ / ₁₀ cents
Figured on total maintenance	\$121,501.16
Cost per million gallons pumped into reservoir	\$47.42
Cost per million gallons raised one foot high	25.8 ⁸ / ₁₀ cents

Further progress has been made in the direction of regrading and relining the railroad track connecting Little Quittacas Pumping Station with Braley's Station. A number of new sleepers have replaced those found to be decayed.

No repairs have been required in connection with the forty-eight inch steel force main connecting Little Quittacas Pumping Station with Braley's Station. The right of way through which this pipe passes has received considerable attention in the matter of clearing of underbrush and repairing embankments.

The High Hill Reservoir has not required any attention in the matter of repairs. No labor other than that due to a proper maintenance has been given this location. The dwelling house, which stands near the southwest corner of this reservoir, has been repaired externally. The chimney, which was damaged by lightning some months since, has been rebuilt; the roof has been re-shingled, and the exterior of the house has received two coats of paint.

All labor upon the thirty-six inch distributing main leading from High Hill Reservoir to the City has been that required to properly maintain the embankment in the right of way from Turner's Pond westerly toward High Hill Reservoir.

The storing reservoir at Long Plain is not in use for supply purposes at the present time. Advantage is being taken of this fact by the State Board of Health, which contemplates its use by them in conducting a series of experiments in determining the efficacy of the so-called "Sulphate of Copper" treatment, which is said to destroy the "Anabena" and other Algal growths to which disagreeable tastes and offensive odors are often attributed. The past season has been devoted to a study of the conditions of the water as it exists from week to week. The following letter received from the Chief Engineer of the State Board of Health further explains the proposed work.

STATE BOARD OF HEALTH—CHIEF ENGINEER'S OFFICE,
Room 140, State House,

Boston, Mass., December 20, 1904.

MR. R. C. P. COGGESHALL,
SUPT. WATER WORKS,
NEW BEDFORD, MASS.

Dear Sir:—We wish to thank you and your Board for the collection of samples of water from the Storage Reservoir at Long Plain during the past year, which has enabled us to get a very thorough history of its condition. We shall probably next year, in co-operation with the United States Dept. of Agriculture, investigate the effect upon the quality of this water of treating it with copper sulphate, the method suggested by the Department of Agriculture for the prevention or removal of growths of Algae, which imparts to waters the tastes and odors often so disagreeable to water takers. We shall probably wish to obtain some additional samples beginning next April, and shall probably treat the reservoir in the early summer.

Yours truly,
(Signed) X. H. GOODNOUGH,
Chief Engineer.

Some needed repairs in the way of carpenter work and painting have been made to the house at the Ansel White Dam, occupied by the reservoir keeper.

No attention has been given the brick conduit connecting the storing reservoir with the receiving reservoir.

The receiving reservoir is in good condition. The fence surrounding same has been reset in several places and painted its entire length. The woodwork of the gate house has been painted.

A portion of the lot in which the Purchase Street Station is located was taken for the purpose of erecting thereon a new schoolhouse and for an adjoining playground, on September 19th. The west fence has been transferred from the east line of County street to a line near the west line of State street, extended. The entire fence surrounding this lot has been repainted, the roadway within the enclosure repaved, in part. A large crack developed in the chimney due to frost action last winter. This extended for a good portion of its height. This has been cut out and thoroughly repaired. All the exterior woodwork of the building has been painted. The slate roof has been repaired where found necessary. The pumping engines remain in fair condition. All the pumps have been recently turned over to ascertain their working condition in case they are hastily needed. Steam was kept up at this station from April 20th to May 20th, while the repairs at Mt. Pleasant were in progress. This was done as an extra precaution, because of Mt. Pleasant Reservoir being entirely empty at that time. On April 21st, Engines No. 1 and No. 2 were operated for brief periods by steam.

Mt. Pleasant Reservoir was emptied in April last. The drain was opened April 21st and the basin was empty on April 23d. The bottom and sides were thoroughly cleaned. The rip rap wall on the south side from the top down about twelve feet was found

in a badly damaged condition caused by action of ice. This was thoroughly relaid and the joints filled with cement. Other parts of the reservoir received needed attention. The work of re-filling the reservoir was commenced May 20th. The gate house and weir chamber have been overhauled and placed in best of order. All woodwork, including the fences, were re-painted.

The distributing mains have been increased 13,758 feet, and 2,358 feet of pipe laid previous to the past year have been removed. The total mileage is now 102.2856.

The sixteen inch pipe in County street, which terminated near the north line of Cove street, has this year been extended through Cove street to East French avenue, where it now reinforces the supply to three twelve inch mains which radiate in different directions from that point.

The ten inch pipe in Water street has been further extended from Union street northerly to William street. The section of Water street between William and Middle yet contain the original six inch pipe. The replacing of this pipe with that of ten inch would complete the enlargement for the entire length of street. Especially on account of the need of a better supply for fire purposes near the corner of Elm and Water streets, I would recommend that this be done.

A new line of six inch flexible jointed pipe has been laid this year upon the river bottom, connecting Pope's Island with the Fish Island supply. The pipe is laid in a trench, dredged for the purpose, practically parallel with the bridge and about twenty feet south of that structure. This pipe replaces a similar line laid in 1898, and which was irreparably damaged by the government operations of 1899 and which was finally removed from the river bottom last year. In placing the pipe now under description, connection was first made with the water

main upon the bridge structure at a point about eighty-three feet west of the abutment at the east side of Fish Island. Here the pipe makes a right angle turn and descends to the grade of the Island on the south side of the bridge upon land under control of John Duff, Esq. A second right angle turn to the east is made, and with flexible jointed pipe the line continues across the river in the trench above described and connects to same pipe in Pope's Island abutment as did the former pipe.

The dredging was done under contract by the C. M. Cole, dredger. The pipe was laid under contract with George W. Townsend of Boston. The plans and contract specifications were prepared by City Engineer W. F. Williams, Esq., under whose direction the work was done. This pipe was laid subject to a license of the Harbor and Land Commissioners, and permit was given by the War Department upon condition that no part of the pipe in the navigable channel be placed at a greater elevation than twenty-five feet below mean low water. All these conditions were complied with.

In view of the fact that it is proposed to double track Union street from Seventh street west to Rockdale avenue, and to place asphalt pavement upon concrete base as far west as Park street, I would recommend that previous to the execution of this work that the present four inch pipe in Union street, from County street west, be removed and the same replaced with a large pipe, at least eight inch in diameter, and that this size be continued as far as the asphalt is placed.

Electrolytic action is still in evidence upon the steel force main at the Beaver Dam, where it is crossed by the tracks of the Old Colony Street Railroad Co.; also at the Whitestone Brook, at which point a section of service pipe has again been completely destroyed. This completes the destruction of the third pipe, due to the action of the stray current from the Old Colony Street Railroad Co.'s

power system. It was hoped that the action of that company last year in re-bonding its tracks would do much toward the elimination of this trouble, but such does not appear to be the fact. The potential at the Beaver Dam is fully as heavy as previously. I have called the attention of the Superintendent of the Old Colony Street Railroad Co. to the importance of giving this matter prompt attention. I fail to receive any satisfactory reply. Neither do I note any inclination to do that which will remedy the trouble.

We appear to be helpless at the present time in preventing the use of our large steel force main by the Old Colony Street Railroad Co. as a conductor, for its return electrical current. It makes a beautiful conductor for them, but it is bad for us. This ought not to be. You understand, of course, that this use is constantly deteriorating this pipe. It may be some time before the damage becomes actually serious, but it will surely come in due time. Under such an impairment our whole supply will be in jeopardy, for be it remembered that this force main is the main artery of our entire system. I think we ought to take every possible precaution in preventing the destruction of the City's property from this cause. The entire elimination of this trouble undoubtedly means a heavy expenditure on the part of the Railroad, which they undoubtedly will not consider unless forced to meet the situation. A crippled supply means a far heavier expense to the City than the cost of now eliminating the trouble would be to the Railroad.

There have been nine leaks upon the mains the past year, as herewith shown.

DATE	SIZE	LOCATION	CAUSE	COST
1903				
Dec. 19	4 in.	Center street, east of Front	Pipe broken	\$8.43
Dec. 23	4 in.	Campbell street, east of State	Pipe broken	10.72
1904				
Jan. 1	4 in.	Spring street, west of Second	Pipe broken	64.03
Mch 11	8 in.	Acushnet avenue, north of Cannon	Joint started	4.25
Apl. 25	30 in.	Mount Pleasant, south of Adams	Joint started	4.50
June 25	8 in.	Acushnet avenue, north of Middle	Joint started	5.05
Aug. 23	16 in.	Cedar street, north of Locust	Joint started	4.25
Oct. 26	6 in.	Acushnet avenue, south of Howland	Joint started	3.12
Nov. 15	6 in.	Acushnet avenue, south of Howland	Joint started	3.25

Forty-five new stop gates have been set and three of those previously set have been removed. The total number now in use is 1,214.

Two waste gates have been set. The total number now in use is 101.

Eight stop gates for private supplies have been set, and one of those previously set has been removed. The total number now in use is 227.

Thirty-three new hydrants have been set, and fifteen of those previously set have been removed. The total number now in use is 806.

One hundred eighty-four service taps have been cleaned, as follows: Rust, 152; sediment, 21; trouble inside, 11.

Two hundred sixty-two service pipes have been laid, and twenty-three of those previously laid have been removed. The total number now in use is 10,166.

The total number of motors is 135.

The total number of meters is 2,145. The list may be divided as follows:

Manufacturing supplies	93
Domestic supplies	2,048
Public supplies	4

The following is a list of the different patterns used:

Crown	245
Empire	127
Gem	10
Nash	385
Hersey Rotary	107
Hersey Disc	600
Hersey Torrent	1
King	5
Lambert	342
Thompson	3
Trident	161
Union Rotary	159

Three new drinking fountains of the Jenks type have been placed this year, and five worn out fountains have been removed. The following is a complete list of the drinking fountains now connected with our distributing system:

- 1 West French avenue, at Cove street, Jenks
- 2 Bolton road, at junction of Rivet street, Jenks
- 3 Sixth street, at junction of County street, Jenks
- 4 Allen st, at junction of Dartmouth street, Jenks
- 5 Front street, at corner of School street, Jenks
- 6 Union street, at corner of Bethel street, Nash
- 7 Market st., bet'n Pleasant and Sixth sts., Jenks
- 8 Court street, west of Jenney street, Horse bowl
- 9 Elm street, west of Purchase street, Nash
- 10 Kempton st., at junction of Mill street, Jenks
- 11 Hillman street, at corner of County street, Nash (drinking only)
- 12 County street, at corner of Smith street, Nash
- 13 Purchase street, at corner of Pearl street, Nash
- 14 Shawmut ave., at corner of Durfee street, Jenks
- 15 Acushnet ave., at junction of Weld street, Jenks

Nos. 6, 8, 9, 11, 12 and 13 are of an antiquated pattern and are badly worn. I would recommend that Nos. 6, 11 and 13 be replaced with a modern pattern of fountain during the coming year.

**MONTHLY CONSUMPTION AND RECORD OF PRESSURE
AT THE CITY HALL.**

1904 MONTH	Monthly Consumption	Daily Average	Pounds Pressure 10 A. M.			Pounds Pressure Midnight		
	Gallons	Gallons	Max.	Min.	Ave.	Max.	Min.	Ave.
January,	242,223,698	7,813,668	61	58	60	64	58	62
February,	235,291,998	7,843,067	60	51	56	64	58	62
March,	221,538,524	7,146,404	60	57	59	64	60	63
April,	195,693,106	6,523,104	60	55	58	65	57	63
May,	214,742,772	6,927,186	61	50	55	65	60	63
June,	196,789,212	6,559,640	60	52	57	64	62	63
July,	210,210,594	6,780,987	60	53	58	65	62	63
August,	204,004,892	6,580,803	60	53	57	64	60	62
September,	205,194,944	6,839,831	60	54	57	64	62	63
October,	212,369,750	6,850,637	60	53	58	65	62	63
November,	205,579,552	6,839,318	60	53	58	65	62	63
December,	226,721,572	7,313,599	60	54	58	64	62	63
Averages,	214,196,718	7,001,520	60	54	58	64	64	63

**COMPARISON OF THE CONSUMPTION OF THE YEAR 1904
WITH THE RECORD OF THE 22 PREVIOUS YEARS.**

Year	Estimated population	Estimated number of consumers	Total number of gallons consumed	Average daily consumption	Number of taps	Gallons per day to each inhabitant	Gallons per day to each consumer	Gallons per day to each tap
1882	28,500	20,424	859,119,622	2,326,352	4,203	82	114	553
1883	30,000	22,249	849,059,700	2,326,191	4,465	78	105	521
1884	33,000	23,749	867,815,595	2,371,080	4,691	72	100	506
1885	33,700	25,375	1,049,801,050	2,876,167	4,965	85	113	579
1886	34,500	28,480	1,086,534,615	2,976,807	5,225	86	104	569
1887	36,000	30,080	1,112,302,789	3,047,404	5,495	86	101	555
1888	37,500	31,826	1,229,841,794	3,360,223	5,785	89	109	581
1889	40,000	34,000	1,310,488,214	3,590,379	6,104	90	106	588
1890	41,500	35,740	1,485,143,213	4,066,200	6,394	98	114	636
1891	45,000	38,500	1,513,161,482	4,145,648	6,742	92	108	615
1892	50,000	41,776	1,607,965,166	4,393,320	7,134	88	105	616
1893	55,000	44,158	1,824,275,536	4,998,015	7,531	99	113	664
1894	56,000	44,661	1,747,167,532	4,786,760	7,767	85	107	616
1895	56,300	46,154	1,719,830,979	4,711,866	8,027	84	102	587
1896	59,000	48,570	1,924,800,313	5,259,017	8,447	89	108	623
1897	60,000	50,000	2,071,702,478	5,675,897	8,860	95	113	641
1898	58,000	50,000	2,156,277,643	5,907,610	9,014	102	118	655
1899	58,000	50,000	2,261,115,500	6,194,837	9,151	107	124	677
1900	62,500	55,000	2,306,997,774	6,320,542	9,280	101	115	681
1901	65,000	57,000	2,150,199,262	5,890,957	9,447	91	103	624
1902	70,000	61,000	2,325,807,038	6,372,074	9,612	91	104	663
1903	72,000	62,000	2,535,280,580	6,945,974	9,927	96	112	700
1904	73,000	63,000	2,570,360,614	7,001,520	10,166	96	111	689

The maximum daily consumption was, on May 21, 13,603,000 gallons. The minimum was, on May 30, 4,417,000 gallons. The average daily consumption has been 7,001,520 gallons.

These figures indicate that the rate of consumption remains substantially the same as heretofore, and it is safe to add that at least one-third of our daily supply is allowed to run to waste and does no one any good. This reduction of waste to its lowest terms will follow as a matter of course in inverse ratio to the placing of additional meters upon wasteful supplies. Reduction of waste means the maintenance of the daily supply within a reasonable limit. The latter means postponement of the day when heavy expenditures will be required to secure an additional supply. We do not possess an unlimited supply. Our daily average consumption is gradually increasing. When it reaches an average of ten million gallons per day, we must formulate a plan for an enlarged capacity.

I closed my report two years ago with these words:

“The lavish use of water for all needed purposes is always to be encouraged. It is far better to allow an amount to waste than that any one should be deprived of an amount necessary for any proper use. With this proposition in view, let me present two demonstrated facts.

1st — The application of a meter to a dwelling in which unstinted use is made for every conceivable purpose, but where due care is exercised regarding the condition of fixtures, that no waste may exist, rarely returns a record that will call for the payment of an amount equal to that which the same taker has hitherto paid by schedule rates. In most of cases it is substantially less.

2nd — The application of a meter to the supply of a careless taker, who gives little or no concern regarding the condition of the plumbing, generally results in the

record of an amount many times that called for by schedule rates. This will continue as long as this taker is allowed his supply by schedule rates. But the minute he commences to pay by the meter record, he suddenly becomes interested as to the care of his fixtures. It rarely takes him more than one month to stop all waste to a point where the meter registers less than the equivalent by schedule rates. I say stop all waste; because it is wasted. A lavish use for all needed purposes being made in both cases.

There have been nearly two hundred meters installed this year. By whom were these purchased? In every instance it has been by a representative of the care-taking class. Not one has been purchased by a representative of the second class instanced; and they are the ones who really are responsible for the waste. In justice to the care taker, who is in the majority, it seems like discrimination to allow one careless taker to waste more water each day than is needed for the supply of perhaps a hundred families."

The above sentences are as appropriate today as when written. Every meter placed upon a supply of the second class above instanced, will show an improved result. The city has a right to install and maintain such a meter at its own expense. It seems to me to be in the interest of economical results to exercise this right in the future more than has hitherto been done. I recommend these suggestions to you for serious consideration.

Respectfully submitted,

R. C. P. COGGESHALL,

Superintendent.

TABLE A.

STATEMENT OF WORK DONE BY LEAVITT ENGINE B FOR YEAR ENDING DECEMBER 1, 1904.

Diameter steam cylinders, 16 3/8 and 36 1/4 in.
 Diameter pump plungers, 13 7/10 and 19 3/8 in.
 Stroke of pistons and pump plungers, 80 in.

Average working steam pressure, 185 lbs.
 Average static head, 187.18 feet.

MONTHS	Number of days or parts of days pumping.	Total pumping time		Total number of strokes per month.	Average number of strokes per minute.	Total fuel used for all purposes.		Total number of gallons pumped per month, allowance being made for slip.	Number of gallons pumped per pound of coal, for total coal.	Number of gallons raised 100 feet per pound of coal for total coal.	Average dynamic head against pump in feet, no allowance for friction in suction.		Average duty in pounds raised one foot high per 100 pounds of coal, calculated on total fuel used for all purposes; no deductions.
		H.	M.			Lbs.							
December, 1903	27	518	15	999,674	83.1	367,975	321,827,628	693	1,557	1,557	188.11	188.11	129,925,686
January, 1904	26	551	40	1,063,559	82.1	290,525	296,110,068	618	1,528	1,528	187.72	187.72	127,235,308
February, "	25	551	45	1,067,359	83.2	281,726	226,933,686	841	1,565	1,565	188.50	188.50	132,225,568
March, "	27	596	30	1,072,962	82.0	273,400	237,104,224	833	1,565	1,565	187.90	187.90	130,650,458
April, "	28	456	00	883,173	82.0	287,235	196,064,406	823	1,518	1,518	183.81	183.81	136,690,668
May, "	26	485	80	907,278	83.3	254,475	312,515,272	895	1,523	1,523	182.42	182.42	127,052,590
June, "	28	459	85	888,846	82.2	237,025	197,846,012	893	1,516	1,516	183.22	183.22	126,108,915
July, "	27	479	45	947,677	82.3	250,500	305,844,294	892	1,526	1,526	183.26	183.26	125,653,841
August, "	27	480	45	960,636	82.3	254,375	206,601,192	812	1,480	1,480	183.60	183.60	124,364,699
September, "	26	480	45	980,152	82.3	244,875	306,488,744	842	1,537	1,537	184.86	184.86	130,095,640
October, "	26	567	00	839,075	27.6	245,850	206,474,650	847	1,563	1,563	185.43	185.43	129,723,739
November, "	28	579	30	982,716	26.8	246,585	307,062,862	843	1,558	1,558	184.28	184.28	130,613,708
Totals and avgs.	315	6136	00	11,543,285	31.3	3,062,575	2,562,698,170	881	1,537	1,537	185.02	185.02	128,977,985

The duty is based on total fuel used for all purposes. This includes banking fires, starting, heating building, running shop engine during day, and electric light engine at night. No deductions for ashes, moisture in coal or anything else.

TABLE B.
LOCATION AND SIZE OF CAST IRON MAIN PIPE LAID IN 1904.

LOCATION.	16 in.	10 in.	8 in.	6 in.	4 in.
Ashley street, from terminus 223 feet south of Cove street, south.				26	339
Belleville avenue, from Tarklin Hill road, south.					142
Bolton road, from Rockland street, north.					
Bridge, from end of pipe, 83 feet west of Fish Island, east abutment, south and east across river channel to east end of quarter turn in brick well in Pope's Island, west abutment.					
Center street, from Water street, east.				829	
Chancery street, from terminus 178 feet south of Parker street, south to north line Willis street.				38	
Collette street, from Front street, west to terminus 276 feet east of Acushnet ave.				117	
County street, from 22 feet south of north line Cove street, south to Cove st.	47			190	
County street, from Palmer street, west.			94	6	
Court street, from County street, to West French avenue.	777				
Cove street, from County street, south.				43	
Crapo street, from Jouvette street, south.				338	
David street, from terminus 290 feet west of Brock ave., west to W. French ave.				85	
Elm street, from Chancery street, east.				60	
Fair street, from terminus 4 feet west of Briggs street, west.				196	
Fairmount street, from Rockdale avenue, west.				20	
Fifth street, from Union street, south (laid in 1893).				260	
Fifth street, from School st., north to 13.7 feet south of north line Spring st.					
First street, from terminus 681 feet north of Cove street, north to terminus 148 feet south of Delano street.					331
Front street, from Holly street, north.				124	

TABLE B. (Continued).

LOCATION.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Front street, from terminus 247 feet north of Blackmer st., north to Rivet st.				17	157	
Front street, from Davis street, north.					72	
George street, from Brock avenue, west.					64	
Grit street, from West French avenue, east.					30	
Grit street, from West French avenue, west.					167	
Hathaway street, from terminus 331 feet east of Church street, east.					305	
Hazard street, from County st., west, to terminus 157 feet east of Ashland st.					48	
Hemlock street, from terminus 112 feet north of Rockland street, north.					44	
Hillman street, from Hunter street, east.					398	
Jenney Lind street, from Kempton street, south.					714	
Jouvette street, from terminus 373 feet west of County street to Crapo street.	38				517	
Manomet street, from terminus 209 feet east of Riverside avenue, east.					62	
McGurk street, from terminus 308 feet north of Ruth street to Cove street.					399	
Mill street, from terminus 46 feet west of Ash street, west.				224		
Mott street, from Brock avenue, east.						
Orchard street, from terminus 184 feet north of Thompson to Rockland street.				320	423	
Orchard street, from terminus 99 feet north of Rockland street, to 314 feet south of Washington street.						
Pearl street, from County street to State street.						
Phillips avenue, from terminus 265 feet west of Belleville avenue, to terminus 269 feet east of Front street.						
Riverside avenue, from Manomet street, north.						
Rivet street, from Water street to Front street.	559				202	
Rockdale avenue, from terminus 799 feet north of Milton st., to Fairmount st.				201		
Rodney street, from Brock avenue, east.				134		
Social street, from terminus 303 feet east of West French ave., to McGurk st.					1487	
					85	

TABLE B. (Continued).

LOCATION.	16 in	12 in.	10 in.	8 in.	6 in	4 in.
Spring street, from 4 feet west to 15 feet east of Fifth street.					59	
Spring street, from Acushnet avenue to Fourth street.					247	
Studley street, from terminus 147 feet east of Ashland street, east.					36	
Tarklin Hill road, from Belleville avenue, to 450 feet west of Acushnet ave.				864		
Thompson street, from Bourne street to Dartmouth street.					228	
Warren street, from terminus 268 feet west of Brock avenue, west to West French avenue.					146	133
Washburn street, from Belleville avenue, east.			372			
Water street, from 12 feet north of Union street to William street.		447				
West French avenue, from Brock avenue to 27 feet north of Warren street.			508			
West French avenue, from 27 feet north of Warren street to David street.						
Totals,	894	447	1477	1844	9289	927

LOCATION AND SIZE OF CAST IRON MAIN PIPE REMOVED IN 1904.

LOCATION.	13 in. 8 in. 6 in. 4 in.		
	22	44	54 751
Bridge, from end of pipe old syphon, east abutment Fish Island, west.			
Bridge, from Fish Island abutment to Pope's Island abutment, syphon.			
County street, from Cove street, north.	22	44	
Cove street, from Water street main, west.			
Cove street, from 22 feet west of Water street main to County street.		756	20
Fifth street, from Union street, south (removed in 1893),			280
Fifth street, from School street, north to 13.7 feet south of north line Spring street.			59
Spring street, from 4 feet west to 16 feet east of Fifth street.			
Water street, from 12 feet north of Union street to William street.		372	
Totals,	22	44	1933 359

SUMMARY.
MAIN PIPE LAID AND REMOVED.

	36 in.	30 in.	24 in.	20 in.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Previous to 1904, Laid in 1904,	21,532	6,657	7,529	11,290	31,151 824	20,473 447	41,383 1,477	112,149 1,844	191,344 8,389	86,261 927
Total laid, Removed in 1904,	21,532	6,657	7,529	11,290	31,975	20,920 22	42,859	113,993 44	199,483 1,993	86,188 359
Total now in use,	21,532	6,657	7,529	11,290	31,975	20,898	42,859	113,949	197,550	85,829

Total length laid in 1904, 13,758 feet, or 2.6057 miles.
 Total length removed in 1904, 2,358 feet, or .4466 miles.
 Total length of pipe in use Dec. 1, 1904, 640,068 feet, or 102.2856 miles.

TABLE C.

LOCATION AND SIZE OF STOP GATES SET IN 1904.

LOCATION.	16 in.	12 in.	10 in.	8 in.	6 in.	4 in.
Acushnet ave., north of Walnut, 152.3 ft.				1		
Belleville ave., south side Tarkiln Hill road.						1
Bolton road, north side Rockland st.						1
Bonney st., north side of Rockland.						1
Bridge, west from east abutment Fish Island, 91 ft.					1	
Center st., east side of Water.					1	
County st., south side of Cove.					1	
County st., south side of Austin.					1	
Cove st., west side of Water.	1					
Cove st., east side of County.	1					
Crapo st., south side Jouvette st.					1	
David st., east side of West French ave.					1	
Fairmount st., west side Rockdale ave.					1	
Fifth st., north side of School st.					1	
First st., north side Division st.						1
Fish Island, south side of Bridge, west from east line wharf, 61.5 ft.					1	
Front st., north side of Holly.					1	
Front st., north side of Davis.					1	
George st., west side of Brock ave.					1	
George st., east side West French ave.					1	
Grit st., west side West French ave.					1	
Hillman st., east side Beech st., omitted 1897					1	
Hunter st., south side of Hillman					1	
Jenney Lind st., south side of Kempton.					1	
Margin st., south side of Cove.						1
McGurk st., south side of Cove.					1	
Mott st., east side of Brock ave.					1	
Orchard st., south side of Rockland.				1		
Pearl st., east side of County.					1	
Riverside ave., north side of Manomet.			1			
Riverside av., at hydrant north of Manomet, 134 ft.					1	
Riverside av., at hydrant north of Manomet, 335 ft.					1	
Riverside av., at hydrant north of Manomet, 532 ft.					1	
Rivet st., east side of Water.				1		
Rodney st., east side of Brock ave.					1	
Spring st., east side of Fourth.					1	
Stapleton st., south side of Cove.					1	
Tarkiln Hill road, west side of Acushnet av.				1		
Tarkiln Hill road, east side of Acushnet av.				1		
Tarkiln Hill road, at hydrant s. w. corner Belleville ave.						1
Thompson st., east side of Dartmouth.					1	
Warren st., east side of West French ave.					1	
West French ave., south side Brock ave.	1					
West French ave., north of Warren, 37 ft.	1					
West French ave., north of Warren, 28 ft.	1					
Totals.	2	3	1	5	29	5

STOP GATES REMOVED IN 1904.

LOCATION.	12 in.	8 in.	6 in.
Bridge, east side Fish Island, west from west line draw plate, 59 feet.			1
County street, north side of Cove.	1	1	
Cove street, west side of Water.			
Totals.	1	1	1

Number of Stop Gates set in 1904,	45
Number removed,	3
To be added,	42
Number in use at date of last report,	1,172
Number in use, Dec. 1st, 1904,	1,214

TABLE D.
WASTE GATES SET IN 1904.

LOCATION.	4 in.
County street, south side of Cove,	1
Cove street, east side of County,	1
Totals,	2

Number set in 1904,	2
Number in use at date of last report,	99
Number in use, Dec. 1st, 1904,	101

TABLE E.
PRIVATE STOP GATES SET IN 1904.

LOCATION.	10 in.	6 in.	4 in.	3 in.	2 in.
Bowditch street, at John Duff's.		1			
Elm street, at Hathaway's theatre.				1	
Manomet street, at Manomet mills.	1				1
Manomet street, at Manomet mills.			1		
Manomet street, at Manomet mills.				1	
School street, at Grace Church.					1
Spring street, at Sheedy's theatre.					
No. Water street, at Water Works workshop.		1			
Totals.	1	2	1	2	2

PRIVATE STOP GATES REMOVED IN 1904.

LOCATION.	2 in.
School street, at Grace Church.	1
Totals.	1

Number set in 1904,	8
Number removed,	1
	<hr/>
To be added,	7
Number in use at date of last report,	220
	<hr/>
Number in use, Dec. 1st, 1904,	227

TABLE F.

LOCATION OF HYDRANTS SET IN 1904.

Acushnet ave., northeast corner of Elm.
Ashley st., west side, 247 feet south of Cove.
Belleville ave., west side, 320 feet south of Tarkiln Hill road.
Bridge, south side, 88 feet west from west line of iron plate over east abutment Fish Island.
Chancery st., northwest corner of Willis.
County st., northwest corner of Scott.
David st., southeast corner of West French ave.
Fairmount st., south side, 182 feet west from Rockdale ave.
George st., southeast corner of West French ave.
Grit st., southwest corner of West French ave.
Hathaway st., south side, 497 feet east of Church.
Hazard st., southwest corner of County.
Jenney Lind st., west side, 377 feet south of Kempton.
Jouvette st., south side, 534 feet west of County.
Jouvette st., southeast corner of Crapo.
Manomet st., south side, 246 feet east of Riverside ave.
McGurk st., southwest corner of Social.
Mill st., southwest corner of Ash.
Mott st., south side, 339 feet east of Brock ave.
Orchard st., southwest corner of Fair.
Phillips ave., south side, 368 feet west of Belleville ave.
Riverside ave., west side, 134 feet north of Manomet.
Riverside ave., west side, 336 feet north of Manomet.
Riverside ave., west side, 532 feet north of Manomet.
Rockdale ave., southwest corner of Fairmount.
Rodney st., south side, 1,427 feet east of Brock ave.
Seneca st., south side, 270 feet east of Acushnet ave.
Spring st., southeast corner of Fifth.
Stapleton st., southwest corner of Cove.
Tarkiln Hill road, southwest corner of Belleville ave.
Tarkiln Hill road, south side, 449 feet west of Acushnet ave.
Warren st., southeast corner of West French ave.
Water st., west side, 48 feet north of Center.

HYDRANTS REMOVED IN 1904.

Acushnet ave., northeast corner of Elm. Flush.
 Ashley st., west side, 222 feet south of Cove. Post.
 Chancery st., west side, 176 feet south of Parker. Post.
 Cove st., southeast corner of County. Post.
 Cove st., southeast corner of Stapleton. Post.
 David st., south side, 289 feet west of Brock ave. Post.
 Hathaway st., south side, 331 feet east of Church. Post.
 Jouvette st., south side, 372 feet west of County. Post.
 Manomet st., south side, 208 feet east of Riverside ave. Post.
 Mill st., south side, 45 feet west of Ash. Flush.
 McGurk st., west side, 548 feet north of Brock ave. Post.
 Orchard st., west side, 98 feet north of Rockland. Post.
 Rockdale ave., west side, 128 feet north of Lexington. Post.
 Spring st., southeast corner of Fifth. Flush.
 Water st., west side, 46 feet north of Center. Flush.

Number set during 1904,	33
Number removed during 1904,	15
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Number to be added,	18
Number in use at date of last report,	788
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Number in use, Dec. 1st, 1904,	806

TABLE G.

STATEMENT OF WORK DONE BY THE SERVICE
DEPARTMENT FOR THE YEAR ENDING DEC. 1, 1904.

KIND AND SIZE.	Number of Services	Length on Taker	Length on City
Lead pipe, 1 inch heavy.		6.0	
Lead pipe, 1 inch light.		167.0	
Lead pipe, $\frac{3}{4}$ inch heavy.	5	301.5	126.5
Lead pipe, $\frac{3}{4}$ inch light.	43	889.5	814.0
Lead pipe, $\frac{1}{2}$ inch heavy.	99	1702.0	2285.0
Lead pipe, $\frac{1}{2}$ inch light.	57	894.0	1336.0
Lead pipe, $\frac{1}{2}$ inch heavy.	51	646.5	1162.0
Cast iron pipe, 10 inch.	1		
Cast iron pipe, 6 inch.	2	834.0	
Cast iron pipe, 4 inch.	1	168.5	
Cast iron pipe, 3 inch.	1	68.0	
Cast iron pipe, 2 inch.	2	719.0	
Totals.	262	6396.0	5723.5

One $\frac{3}{4}$ inch iron service has been removed and replaced by one 1 inch light lead.

One $\frac{3}{4}$ inch iron service has been removed and replaced by one $\frac{5}{8}$ inch heavy lead.

One $\frac{3}{4}$ inch iron service has been removed and replaced by one $\frac{3}{4}$ inch light lead.

Eleven $\frac{5}{8}$ inch iron services have been removed and replaced by $\frac{5}{8}$ inch heavy lead.

One $\frac{5}{8}$ inch heavy lead service has been removed and replaced by one $\frac{3}{4}$ inch heavy lead.

Two $\frac{5}{8}$ inch light lead services have been removed and replaced by $\frac{5}{8}$ inch light lead.

One 2 inch cast iron service has been removed and replaced by 3 inch cast iron.

One $\frac{5}{8}$ inch heavy lead service has been removed and replaced by $\frac{5}{8}$ inch heavy lead.

Fourteen connections to services previously laid have been made by the owners.

Three connections to services previously laid have been made by the city, using 9 feet of 2 inch cast iron and 125 $\frac{1}{2}$ feet of $\frac{5}{8}$ inch heavy lead pipe.

Three extensions of services previously laid have been made by the city, using 636 feet of 8 inch cast iron pipe, 102 $\frac{1}{2}$ feet of 4 inch cast iron pipe, 533 feet of 2 inch cast iron pipe, 137 feet of $\frac{3}{4}$ inch heavy lead, 178 feet of $\frac{3}{4}$ inch light lead and 51 feet of $\frac{5}{8}$ inch light lead.

Three $\frac{5}{8}$ inch iron, one 2 inch light lead, one 1 inch heavy lead, two $\frac{3}{4}$ inch light lead, six $\frac{5}{8}$ inch heavy lead, seven $\frac{5}{8}$ inch light lead and three $\frac{5}{8}$ inch heavy lead services have been removed.

Length of service pipe laid during the year, 12119.5 feet or 2.2953 miles.

Total number of services in use Dec. 1, 1904, 10,166.

TABLE H.
AIR TAPS IN USE DECEMBER 1, 1904.

LOCATION.	SIZE.
Ashland st., southeast corner Linden,	$\frac{3}{4}$ inch
Bridge, in gate box west side Pope's Island,	$\frac{3}{8}$ "
Cedar st., west side, north Maitland,	1 "
Cedar Grove st., southeast corner State,	$\frac{3}{4}$ "
County st., west side, north of Locust,	$\frac{3}{4}$ "
County st., southwest corner Hillman,	$\frac{3}{4}$ "
County st., west side, north of Kempton,	$\frac{3}{4}$ "
County st., southwest corner Morgan,	$\frac{3}{4}$ "
County st., west side, head of Spring,	1 "
County st., west side, south of Bedford,	1 "
Dean st., southwest corner Purchase,	$\frac{3}{4}$ "
Durfee st., south side, west of Cottage,	1 "
Elm st., south side, east of County,	$\frac{3}{4}$ "
Grant st., south side, east of Mt. Pleasant st., 366 feet,	1 "
Hillman st., south side, east of County,	$\frac{3}{4}$ "
Kempton st., south side, east of County,	$\frac{3}{4}$ "
Middle st., south side, east of County,	$\frac{3}{4}$ "
Morgan st., south side, west of County st., 137 feet,	$\frac{3}{8}$ "
Mt. Pleasant st., west side, north of King's Highway,	1 "
Mt. Pleasant st., west side, north of Nash road,	1 "
Mt. Pleasant st., north side gate box No. 40, south of Peckham st.,	$\frac{3}{4}$ "
Mt. Pleasant st., south side gate box No. 40, south of Peckham st.,	$\frac{3}{4}$ "
Mt. Pleasant st., east side gate box No. 41,	$\frac{3}{8}$ "
Mt. Pleasant st., south side gate box No. 42, south of Peckham st.,	$\frac{3}{4}$ "
Mt. Pleasant st., north side Durfee, in 30 inch gate box,	$\frac{3}{4}$ "
Mt. Pleasant st., north side Durfee, in 24 inch gate box,	$\frac{3}{4}$ "
North st., south side east of County,	$\frac{3}{4}$ "
Peckham st., east side Mt. Pleasant, in 16 inch gate box No. 31,	$\frac{3}{4}$ "
Plainville road, south side, east of Shawmut ave., 3,744 ft.,	1 "
Plainville road, south side, east of Shawmut ave., 5,734 ft.,	1 "
Pleasant st., west side, north of Maxfield,	1 "
Pleasant st., west side, south of Hillman,	1 "
Pleasant st., west side, north of Kempton,	1 "

Pleasant st., west side, south of Kempton,	1	inch
Purchase ave., in gate box west side Purchase st.,	1	"
Purchase st., north side Coggeshall st., in 24 inch gate box,	$\frac{3}{4}$	"
Purchase st., southwest corner Cedar Grove st.,	$\frac{3}{4}$	"
Purchase st., south side Merrimac, north side gate,	$\frac{3}{4}$	"
Purchase st., south side Merrimac, south side gate,	$\frac{3}{4}$	"
Sixth st., west side, north of Spring,	1	"
Sixth st., west side, south of Walnut,	1	"
Sixth st., west side, south of Bedford,	1	"
State st., west side, north of Austin,	1	"
State st., west side, north of Franklin,	1	"
Union st., south side, east of County,	1	"
William st., south side, east of County,	$\frac{3}{4}$	"
Woodlawn st., south side, 377 feet west of Brock ave.,	$\frac{3}{8}$	"
At High Hill reservoir, east side,	1	"
At High Hill reservoir, south side,	1	"

Total number in use, 49

TABLE I.

COMPLETE LIST OF WATERING CART HYDRANTS.

All post unless otherwise marked.

Acushnet ave., west side, 56 feet north of Monmouth. Flush.
Acushnet ave., west side, 16 feet south of Tarkiln Hill road. Flush.
Acushnet ave., west side, 22 feet north of Howard ave. Flush.
Acushnet ave., west side, 10 feet north of Belleville road. Flush.
Allen st., north side, 154 feet east of Page. Flush.
Allen st., south side, 74 feet west of Oak.
Arnold st., south side, opp. Arnold place. Flush.
Austin st., south side, 19 feet west of Purchase.
Bedford st., south side, 86 feet west of Fourth. Flush.
Blackmer st., north side, 21 feet east of Water. Flush.
Blackmer st., south side, 18 feet east of Second.
Bolton road, west side, 25 feet south of Rivet.
Bonney st., west side, 18 feet south of Grinnell.
Bonney st., west side, 49 feet south of Rockland.
Butler st., south side, 13 feet east of Brock ave. Flush.
Campbell st., south side, 87 feet west of Purchase. Flush.
Campbell st., south side, 19 feet west of Cottage. Flush.
Cedar Grove st., south side, 63 feet east of Acushnet ave. Flush.
Coffin ave., south side, 17 feet west of Acushnet ave. Flush.
Coggeshall st., south side, 18 feet west of Acushnet ave.
Commercial st., south side, 20 feet east of Water. Flush.
Cottage st., west side, 17 feet north of Sycamore.
Cottage st., west side, 18 feet north of Mill.
Cottage st., west side, 19 feet south of Hawthorn.
Cottage st., west side, 18 feet north of Allen.
County st., west side, 19 feet north of Sawyer.
County st., west side, 31 feet north of Clark.
County st., west side, 34 feet north of Allen.
Court st., south side, 20 feet west of County.
Court st., south side, 19 feet east of Cottage.
Court st., north side, 15 feet east of Ash. Flush.
Cove road, south side, 14 feet west of West French ave. Flush.

Dartmouth st., east side, 13 feet north of south line of Oak. Flush.
Dartmouth st., east side, 20 feet north of Weaver.
Elm st., south side, 57 feet west of Purchase. Flush.
First st., west side, 28 feet south of Grinnell. Flush.
First st., west side, 118 feet south of School. Flush.
Franklin st., south side, 19 feet west of Purchase.
Fourth st., west side, 16 feet south of Union.
Grinnell st., south side, 30 feet east of County.
Hawthorn st., south side, 17 feet east of Cottage. Flush.
Hawthorn st., head of Tremont. Flush.
Hazard st., south side, 21 feet west of Purchase. Flush.
Hazard st., south side, 19 feet west of Pleasant.
Hillman st., south side, 18 feet west of Pleasant.
Kempton st., south side, 9 feet west of Rockdale ave. Flush.
Kempton st., south side, 102 feet east of Newton. Flush.
Kempton st., south side, 72 feet west of County. Flush.
Linden st., south side, 30 feet west of Purchase. Flush.
Linden st., south side, 12 feet east of County.
Locust st., south side, 25 feet west of County. Flush.
Madison st., south side, 40 feet west of County.
Madison st., south side, 19 feet east of Fourth.
Madison st., south side, 50 feet west of Water.
Maxfield st., south side, 84 feet west of State. Flush.
Middle st., south side, 26 feet west of Purchase.
Mill st., south side, 9 feet west of Purchase. Flush.
Mill st., south side, 20 feet east of County.
Mosher st., south side, 121 feet east of Crapo.
Mt. Pleasant st., west side, 344 feet north of Nash road. Flush.
Mt. Pleasant st., west side, 39 feet south of Tarkiln Hill road. Flush.
Mt. Vernon st., south side, 14 feet west of Mt. Pleasant. Flush.
Oak st., south side, 19 feet west of Dartmouth.
Parker st., south side, 19 feet west of County.
Pearl st., south side, 59 feet west of Pleasant.
Plainville road, south side, 1,144 feet east of Shawmut ave. Flush.
Poplar road, north side, 32 feet west of Bolton road. Flush.
Reynolds st., west side, 8 feet north of Linden. Flush.
Rivet st., south side, 20 feet west of County.
Sawyer st., north side, 420 feet east of Mitchell. Flush.
Second st., west side, 19 feet north of Cove.
Second st., west side, 17 feet south of Potomska.
Second st., west side, 21 feet south of Grinnell.
Second st., west side, 21 feet south of Cannon.
Smith st., south side, 53 feet east of Park. Flush.

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Spring st., north side, 45.2 feet east of Seventh. Flush.
Summer st., west side, 4 feet north of Hillman. Flush.
Sycamore st., south side, 80 feet west of County.
Thompson st., south side, 40 feet east of Crapo. Flush.
Union st., south side, 23 feet west of Water.
Union st., south side, 65 feet west of County. Flush.
Washburn st., south side, 20 feet east of Acushnet ave.
Weld st., south side, 80 feet east of Mt. Pleasant.
William st., south side, 27 feet east of Second. Flush.
Willis st., south side, 8 feet east of Acushnet ave. Flush.

Total number in use, 85

TABLE J.

LOCATION OF HYDRANTS.

Abbott street, northwest corner of Ruth avenue.....	
Acushnet av, west side, north of Tarkiln Hill road, 3743.2 ft.	
Acushnet av, west side, north of Tarkiln Hill road, 2986.7 ft.	
Acushnet av, west side, north of Tarkiln Hill road, 2392.7 ft.	
Acushnet av, west side, north of Tarkiln Hill road, 1783.3 ft.	
Acushnet av, west side, north of Tarkiln Hill road, 1195.3 ft.	
Acushnet av, west side, north of Tarkiln Hill road, 542 feet.	
Acushnet av, southwest corner Tarkiln Hill road	
Acushnet av, west side, south of Tarkiln Hill road, 500 feet.	
Acushnet av, west side, south of Tarkiln Hill road, 997 feet	
Acushnet av, west side, north of Howard avenue, 600 feet..	
Acushnet av, west side, north of Howard avenue, 6 feet...	
Acushnet av, west side, south of Howard avenue, 601 feet..	
Acushnet av, west side, north of Shaw, 610 feet.....	
Acushnet av, northwest corner of Shaw	
Acushnet av, west side, north of Belleville road, 603.5 feet..	
Acushnet av, west side, head of Belleville road	
Acushnet av, northwest corner of Nash road	
Acushnet av, northwest corner of Hathaway avenue.....	
Acushnet av, northwest corner of Davis	
Acushnet av, southwest corner of Phillips avenue.....	
Acushnet av, southwest corner of Dean	
Acushnet av, west side, north of Sawyer, 574.5 feet	
Acushnet av, southwest corner of Coggeshall	
Acushnet av, southwest corner of Cedar Grove	
Acushnet av, northwest corner of Logan	
Acushnet av, west side, south of Logan, 335 feet	
Acushnet av, west side, north of Wamsutta, 514 feet.....	
Acushnet av, west side, north of Wamsutta, 372 feet	
Acushnet av, west side, south of Wamsutta, 255 feet. Flush.	
Acushnet av, southeast corner of Pope. Flush	
Acushnet av, west side, south of Campbell, 179 feet. Flush..	
Acushnet av, northwest corner of Maxfield. Flush	
Acushnet av, northwest corner of Kempton. Flush	
Acushnet av, northeast corner of Elm.	
Acushnet av, northwest corner of William	
Acushnet av, northwest corner of School	
Acushnet av, northwest corner of Madison	

Acushnet av, northwest corner of Russell
 Acushnet av, northwest corner of Bedford.....
 Acushnet av, west side, opposite Howland. Flush.....
 Acushnet av, northwest corner of Potomska
 Acushnet av, west side, north of Rivet, 98 feet.....
 Acushnet av, southwest corner of Blackmer. Flush.....
 Adams street, south side, west of County, 538.3 feet.....
 Allen street, south side, west of Rural, 445 feet.....
 Allen street, southwest corner of Clover.....
 Allen street, southwest corner of Page.....
 Allen street, north side, east of Page, 159 feet. Flush
 Allen street, northwest corner of Ward. Flush.....
 Arch street, southwest corner of Union. Flush.....
 Armour street, southwest corner of Union
 Arnold place, west side, south of Rotch court, 38.3 feet....
 Arnold street, south side, west of Orchard, 96 feet.....
 Arnold street, southwest corner of Chancery. Flush.....
 Arnold street, southeast corner of Atlantic.....
 Arnold street, south side, west of James, 15.3 feet.....
 Ash street, northwest corner of Middle.....
 Ash street, southwest corner of Morgan.....
 Ash street, northwest corner of Arnold. Flush.....
 Ash street, northwest corner of Maple. Flush.....
 Ash street, northwest corner of Bedford.....
 Ashland street, southwest corner of Clark.....
 Ashley street, west side, south of Cove (west), 247 feet....
 Atlantic street, northwest corner of Maple.....
 Atlantic street, southwest corner of Union.....
 Austin street, southwest corner of Purchase.....
 Austin street, southeast corner of State.....
 Austin street, southwest corner of Ashland
 Austin street, southeast corner of Cedar.....
 Austin street, south side, on west line of Wilson.....
 Austin street, southeast corner of Shawmut avenue.....
 Austin street, south side, west of Shawmut avenue, 108 feet
 Babbitt street, south side, west of Dartmouth, 207.5 feet..
 Babbitt street, southeast corner of Field.....
 Bedford street, southwest corner of Fourth.....
 Bedford street, southwest corner of Fifth.....
 Bedford street, southwest corner of County
 Bedford street, southwest corner of Orchard.....
 Beech street, northwest corner of Kempton
 Beetle street, southwest corner of Howard.....

Beetle street, southeast corner of Front	
Belleville avenue, south of Tarkiln Hill road, 320 feet.....	
Belleville avenue, southwest corner of Washburn.....	
Belleville avenue, west side, north of Washburn, 118 feet..	
Belleville avenue, northwest corner of Cedar Grove.....	
Belleville avenue, west side, north of Coggeshall, 134 feet..	
Belleville avenue, northwest corner of Beetle.....	
Belleville avenue, southwest corner of Collette	
Belleville avenue, west side, north of Howard ave, 143 feet	
Belleville road, southwest corner of Diman.....	
Belleville road, south side, east of Acushnet avenue, 1392 ft.	
Blackmer street, south side, east of Front, 284 feet.....	
Blackmer street, south side, east of Front, 575 feet.....	
Blackmer street, south side, east of Front, 738 feet.....	
Blackmer street, south side, east of Front, 904 feet.....	
Bolton road, west side, north of Rivet, 370 feet.....	
Bolton road, west side, north of Rotch Mill No. 2.....	
Bolton road, west side, south of Rotch Mill No.2.....	
Bolton road, west side, south of Rivet, 1027 feet.....	
Bolton road, northwest corner of Poplar road.....	
Bonney street, southwest corner of Allen	
Bonney street, northwest corner of Grinnell.....	
Bonney street, northwest corner of Rockland.....	
Bonney street, southwest corner of Thompson.....	
Borden street, northwest corner of Bedford.....	
Borden street, southwest corner of Bay.....	
Bowditch street, southwest corner of Weld.....	
Bowditch street, west side, south of Cedar Grove, 313 feet..	
Bowditch street, west side, north of Cedar Grove, 244 feet.	
Bowditch street, northwest corner of Coggeshall.....	
Bowditch street, southwest corner of Dean	
Bowditch street, southwest corner of Coffin avenue.....	
Bowditch street, west side, north of Coffin avenue, 358 feet.	
Bowditch street, southwest corner of Davis.....	
Bowditch street, southwest corner Hathaway avenue.....	
Bridge, north side, east from east line main building, Union Street Railway Co. car barn, 426.3 feet. Flush	
Bridge, north side, east from east line main building, Union Street Railway Co. car barn, 158.5 feet. Flush	
Bridge, south side, east from west line main building, Union Street Railway Co. car barn, 14.2 feet. Flush	
Bridge, south side, on Fish Island, west from west line of iron plate over east abutment Fish Island, 88 feet.....	

Bridge, south side, on Fish Island, east from west line 40 foot
 way (south), 114 feet
 Bridge street, south side, east of Front street, 200 feet....
 Briggs street, west side, north of Rivet street, 303 feet....
 Brock avenue, southwest corner of David.....
 Brock avenue, southwest corner of Woodlawn avenue.....
 Brock avenue, southwest corner of Willard.....
 Brock avenue, southwest corner, first street south Norman.
 Brock avenue, west side, south of Butler, 1063 feet.....
 Brock avenue, west side, south of Butler, 2538.1 feet.....
 Brock avenue, northwest corner Marine avenue.....
 Brownell street, west side, south of Union 387 feet.....
 Bullard street, southwest corner of Belleville avenue.....
 Bullard street, southeast corner of Front.....
 Bullard street, southeast corner of Bowditch.....
 Bullock street, southwest corner of Trinity.....
 Butler street, south side, east from Brock av, 1635 ft. Flush
 Butler street, southwest corner of Fern.....
 Campbell street, southwest corner of Purchase.....
 Campbell street, south side, east of County, 163 feet. Flush
 Campbell street, south side, west of County, 216.5 feet....
 Campbell street, southwest corner of Cottage.....
 Campbell street, south side, east of Shawmut av. 205 ft.
 Flush
 Cannon street, south side, east of Second, 164 feet.....
 Cedar street, northwest corner of Elm.....
 Cedar street, southwest corner of Kempton. Flush.....
 Cedar street, west side, north of Mill, 75 feet. Flush....
 Cedar street, southwest corner of Hillman. Flush.....
 Cedar street, northwest corner of Sycamore. Flush.....
 Cedar street, southwest corner of Campbell. Flush.....
 Cedar street, southwest corner of Parker. Flush.....
 Cedar Grove street, southeast corner of Front.....
 Cedar Grove street, southeast corner of Howard.....
 Cedar Grove street, south side, west of Bowditch, 383 feet
 Cedar Grove street, northwest corner of Purchase.....
 Cedar Grove street, southwest corner of County.....
 Centre street, south side, east of Water, 85 feet. Flush...
 Chancery street, southwest corner of Maple.....
 Chancery street, west side, north of Arnold, 406 feet.....
 Chancery street, southwest corner of Elm
 Chancery street, northwest corner of Willis.....
 Chancery street, west side, north of Parker, 650 feet

Chepachet street, northwest corner of Court.....
 Chepachet street, west side, south of Kempton, 531 feet....
 Cherry street, southeast corner of Seventh. Flush
 Chestnut street, southwest corner of North. Flush.....
 Chestnut street, west side, north of Campbell, 96 feet....
 Chestnut street, southwest corner of Merrimac.....
 Church street, west side, north of Belleville road, 300 feet..
 Church street, southwest corner of Nash road.....
 Church street, southwest corner of Hathaway avenue.....
 Church street, west side, north of Coffin avenue, 591.4 feet.
 Clark street, southwest corner of State.....
 Clark street, south side, west of County, 218 feet.....
 Clay street, northwest corner of Columbia.....
 Cleveland street, northwest corner of Ruth.....
 Cleveland street, west side, south of Ruth, 478 feet.....
 Clinton street, south side, west of County, 224.6 feet.....
 Clinton street, south side, west of Ash, 242.5 feet.....
 Coffin avenue, southwest corner of Church.....
 Coffin avenue, south side, opposite Onoko Lane.....
 Coffin avenue, southeast corner of Front.....
 Coffin avenue, southwest corner of Belleville avenue.....
 Coffin avenue, northwest corner of Riverside avenue.....
 Coffin avenue, south side, east of Riverside avenue, 227 feet
 Coffin avenue, north side, east of Riverside avenue, 414 feet
 Coffin street, southwest corner of Water
 Coffin street, north side, east of Water, 262 feet
 Coggeshall street, south side, east of Mitchell, 654 feet....
 Coggeshall street, south side, east of Mitchell, 498 feet..
 Coggeshall street, south side, east of Mitchell, 334 feet....
 Coggeshall street, north side, east of Mitchell, 148 feet....
 Coggeshall street, southeast corner of Belleville avenue....
 Coggeshall street, southwest corner of Front.....
 Coggeshall street, southwest corner of Purchase.....
 Coggeshall street, southeast corner of County.....
 Coggeshall street, south side, west of County 384 feet....
 Coggeshall street, south side, west of Jean, 203 feet.....
 Collette street, south side, east of Church, 580 feet.....
 Collette street, south side, east of Bowditch, 238 feet.....
 Collette street, south side, east of Acushnet avenue, 275 ft.
 Collins street, southeast corner of Glover.....
 Columbia street, southwest corner of Allen.....
 Commercial street, north side, east of Front, 82 feet.....
 Cottage road, south side, west of Bolton road, 435 feet.....

Cottage street, southwest corner of Bay.....	
Cottage street, northwest corner of Allen.....	
Cottage street, northwest corner of Bedford. Flush.....	
Cottage street, southwest corner of Arnold.....	
Cottage street, southwest corner of Union.....	
Cottage street, southwest corner of Court.....	
Cottage street, southwest corner of Kempton.....	
Cottage street, southwest corner of Mill.....	
Cottage street, southwest corner of North.....	
Cottage street, southwest corner of Hillman.....	
Cottage street, northwest corner of Sycamore.....	
Cottage street, northwest corner of Parker.....	
Cottage street, west side, north of Locust, 237 feet.....	
Cottage street, southwest corner of Durfee.....	
County street, southwest corner of Tallman.....	
County street, southwest corner of Sawyer.....	
County street, southeast corner of Penniman.....	
County street, west side, south of Clark, 234.5 feet.....	
County street, west side, south of Weld, 115 feet.....	
County street, southwest corner of Austin.....	
County street, west side, head of School.....	
County street, southwest corner of Madison.....	
County street, southwest corner of Hawthorn.....	
County street, northwest corner of Allen.....	
County street, southwest corner of Grinnell.....	
County street, northwest corner of South.....	
County street, northwest corner of Scott.....	
County street, northwest corner of Cove road.....	
Court street, southwest corner of Orchard.....	
Court street, southeast corner of Cedar.....	
Court street, northeast corner of Ash.....	
Court street, southwest corner of Emerson.....	
Court street, south side, west from Park, 304 feet. Flush..	
Court street, south side, head of Jenney.....	
Court street, south side, east of Reed, 300 feet.....	
Cove road, southwest corner of West French avenue.....	
Cove road, southwest corner of Shore street.....	
Cove road, north side, west of County, 365 feet.....	
Cove street, southwest corner of Cleveland avenue.....	
Cove street, southwest corner of Harrison avenue.....	
Cove street, southwest corner of Salisbury.....	
Cove street, southwest corner of Viall.....	
Cove street, southwest corner of McGurk.....	

Cove street, southwest corner of West French avenue....
 Crapo street, west side, south of Washington, 343 ft. Flush
 Crapo street, west side, south of Rockland, 225 feet.....
 Crapo street, west side, south of Thompson, 160 feet.....
 Dartmouth street, east side, southwest of Orchard, 110 ft.
 Dartmouth street, east side, south of Hickory, 125 feet....
 Dartmouth street, east side, south of Rockland, 260 feet..
 Dartmouth street, east side, south of Thompson, 99 feet....
 Dartmouth street, southeast corner of Larch.....
 Dartmouth street, northeast corner of Dunbar.....
 David street, southeast corner of West French avenue.....
 Davis street, southwest corner of Riverside avenue.....
 Davis street, south side, east of Front, 321.8 feet.....
 Davis street, southwest corner of Front.....
 Davis street, south side, east of Church, 555 feet.....
 Dean street, southwest corner of Belleville avenue.....
 Dean street, southeast corner of Front.....
 Delano street, southwest corner of Water
 Delano street, southeast corner of Acushnet avenue.....
 De Wolf street, west side, north of Durfee, 229 feet.....
 Diman street, southwest corner of Whitman.....
 Diman street, west side, south of Whitman, 149 feet
 Division street, southeast corner of Second.....
 Division street, southeast corner County.....
 Division street, south side, west of County, 527 feet.....
 Division street, south side, east of Crapo, 6 feet.....
 Dudley street, south side, east of West French av., 122 ft.
 Dudley street, south side, west of Brock avenue, 607 feet..
 Dunbar street, southwest corner of Hemlock.....
 Durfee street, southwest corner of Cedar.....
 Durfee street, southwest corner of Bullock.....
 Durfee street, southwest corner of Shawmut avenue.....
 Durfee street, south side, west of Shawmut avenue, 186.6 ft..
 Earle street, southwest corner of Riverside avenue.....
 Earle street, south side, west of Belleville avenue, 135 feet..
 Earle street, south side, east of Acushnet avenue, 274.2 feet
 East French avenue, west side, south of Cove, 807.2 feet..
 East French avenue, northwest corner of Abbott.....
 Edward street, south side, east of Field, 90 feet.....
 Edward street, south side, west of Dartmouth street, 157 ft.
 Elm street, southwest corner of Purchase.....
 Elm street, southwest corner of Pleasant.....
 Elm street, southwest corner of Eighth.....

Elm street, southwest corner of Summer. Flush.....
 Elm street, southwest corner of Florence.....
 Elm street, southeast corner of Palmer.....
 Emerson street, west side, north of Arnold, 173.8 feet....
 Eugenia street, south side, east of Diman, 464 feet.....
 Fair street, southwest corner of Briggs.....
 Fairmount street, south side, west of Rockdale avenue, 182 ft.
 Field street, northwest corner of Stowell.....
 Fifth street, southwest corner of Union.....
 Fifth street, southwest corner of School.....
 Fifth street, west side, south of Madison, 245 feet. Flush..
 Fifth street, northwest corner of Wing.....
 Fifth street, northwest corner of Grinnell.....
 First street, southwest corner of Spring. Flush.....
 First street, west side, south of School, 109 feet. Flush....
 First street, west side, south of Howland, 185 feet. Flush..
 First street, northwest corner of Potomska.....
 First street, west side, north of Jennings court, 29 feet....
 First street, west side, south of Cove, 141 feet.....
 Florence street, southwest corner of Hillman.....
 Florence street, northwest corner of Mill.....
 Florence street, West side, south of Kempton, 199.6 feet..
 Florence street, southwest corner of Morgan.....
 Forest street, south side, west of County, 90 feet. Flush..
 Foster street, southwest corner of High.....
 Fourth street, southwest corner of Union. Flush.....
 Fourth street, west side, north of School, 106 feet. Flush..
 Fourth street, west side, south of Madison, 210 feet.....
 Fourth street, east side, opposite Washington.....
 Fourth street, northwest corner of Rockland. Flush.....
 Fourth street, west side, south of Potomska, 61 feet.....
 Franklin street, southwest corner of Purchase.....
 Franklin street, southwest corner of Pleasant. Flush....
 Franklin street, southwest corner of State.....
 Front street, southwest corner of Whitman.....
 Front street, west side, south of Whitman, 393 feet.....
 Front street, southwest corner of Holly.....
 Front street, west side, south of Washburn, 319 feet. Flush
 Front street, southwest corner of Logan.....
 Front street, west side, south of Logan, 190.2 feet.....
 Front street, west side, south of Logan, 383 feet.....
 Front street, west side, north of Wamsutta, 235.2 feet....
 Front street, southeast corner of Wamsutta.....

Front street, east side, foot of Middle. Flush.....	
Front street, southwest corner of Middle.....	
Front street, southwest corner of Hazard's lane. Flush....	
Front street, northwest corner of Rodman.....	
Front street, southwest corner of Centre. Flush	
Front street, west side, south of Commercial, 86 feet. Flush	
Front street, northwest corner of lane head of Merrill's Wharf. Flush.	
Front street, west side, south of Howland, 268 feet.....	
Front street, southwest corner of Grinnell.....	
Front street, west side, south of South, 330 feet.....	
Front street, southwest corner Rivet street.....	
Front street, west side, north of Delano, 191 feet.....	
Front street, west side, south of Delano, 200 feet.....	
Fruit street, south side, east of Hemlock, 126.5 feet.....	
Fruit street, south side, west of Mulberry, 25.5 feet.....	
George street, southeast corner of West French avenue....	
Gifford street, south side, east of Water, 274 feet.....	
Gifford street, south side, west of Harbor, 167.8 feet.....	
Gifford street, southeast corner of Harbor.....	
Gifford street, south side, east of Harbor, 299.3 feet.....	
Grand street, south side, west of Shawmut avenue, 750 feet	
Granfield street, west side, north of Coggeshall, 263 feet....	
Grape street, south side, west of Lewis, 131 feet.....	
Grape street, southwest corner of Small.....	
Grape street, southwest corner of Devoll.....	
Grape street, south side, west of Rural, 137 feet.....	
Griffin street, southwest corner of Second. Flush.....	
Grinnell street, south side, west of Acushnet avenue, 76 feet. Flush	
Grinnell street, south side, east of Crapo, 103 feet. Flush..	
Grinnell street, southwest corner of Orchard.....	
Grit street, southwest corner of West French avenue.....	
Grove street, southwest corner of Anthony.....	
Grove street, southwest corner of Cottage.....	
Harbor street, east side, north of Cove, 195 feet.....	
Harbor street, east side, north of Cove, 372 feet.....	
Harbor street, east side, north of Cove, 540 feet.....	
Harbor street, east side, south of Gifford, 195.8 feet.....	
Harmony street, southwest corner of Social.....	
Harrison street, southwest corner of Hickory.....	
Hathaway street, south side, east of Front street, 260 feet..	
Hathaway street, southwest corner of Front.....	
Hathaway street, south side, east of Church street, 497 feet	

Hawthorn street, southwest corner of Cottage.....
 Hawthorn street, southeast corner of Page. Flush.....
 Hawthorn street, south side, east of Tremont, 147 feet....
 Hawthorn street, southwest corner of Brigham.....
 Hawthorn street, south side, west of Brigham, 301 feet....
 Hazard street, southwest corner of County.....
 Hazard street, south side, west of State, 140 feet. Flush..
 Hazard street, southwest corner of Pleasant. Flush.....
 Hazard street, southwest corner of Purchase.....
 Hemlock street, west side, south of Rockland, 231 feet....
 Hicks street, south side, east of Acushnet avenue, 276 feet
 High street, south side, east of Acushnet avenue, 43 feet.
 Flush
 High street, southwest corner of Purchase.....
 High street south side, east of County, 177 feet. Flush....
 Highland street, west side, north of Durfee, 418.4 feet....
 Hillman street, southwest corner of Second. Flush.....
 Hillman street, southwest corner of Purchase.....
 Hillman street, southwest corner of Pleasant.....
 Hillman street, head of State.....
 Hillman street, head of Thomas
 Hillman street, southwest corner of Chancery.....
 Hillman street, south side, east of Newton, 92 feet.....
 Hillman street, south side, east of Florence, 609.5 feet....
 Hillman street, southwest corner of Lindsey.....
 Hillman street, southeast corner of Rockdale avenue....
 Holly street, southwest corner of Belleville avenue.....
 Holly street, southwest corner of Bowditch.....
 Holly street, southeast corner of Brook.....
 Hollyhock street, south side, east of Field, 410 feet.....
 Homer street, southwest corner of Locust.....
 Howard avenue, southwest corner of Belleville avenue....
 Howland street, northeast corner of Second. Flush.....
 Howland street, south side, west of Prospect, 19.2 feet....
 Hunter street, southwest corner of Hillman.....
 Independent street, south side, west of County, 480 feet..
 Independent street, southeast corner of Crapo.....
 Irving court, north end of Court. Flush.....
 James street, west side, north of Arnold, 107 feet.....
 James street, southwest corner of Court.....
 Jenney Lind street, southwest corner of Hillman.....
 Jenney Lind street, west side, north of Kempton street,
 1167 feet.....

Jenney Lind street, west side, south of Kempton, 377 feet
 Jouvette street, south side, west of County, 584 feet.....
 Jouvette street, southeast corner of Crapo.....
 Katherine street, southeast corner of Crapo.....
 Katherine street, south side, west of County, 442 feet.....
 Keene street, south side, west of Park, 434 feet.....
 Kempton street, southwest corner of Purchase.....
 Kempton street, southwest corner of Pleasant.....
 Kempton street, south side, opposite Hill.....
 Kempton street, southwest corner of County.....
 Kempton street, southwest corner of Summer.....
 Kempton street, southwest corner of Emerson. Flush....
 Kempton street, southwest corner of Park.....
 Kempton street, southwest corner of Liberty.....
 Kempton street, southeast corner of Jenney. Flush.....
 Kempton street, south side, west of Hunter, 50 feet.....
 Kempton street, southwest corner of Rockdale avenue....
 Kempton street, southeast corner of Chepachet.....
 Kempton street, south side, opposite Jenney Lind street....
 Kenyon street, south side, west of Front street, 378 feet....
 Kilburn street, north side, east of Front, 244 feet.....
 Kilburn street, north side, east of Front, 581 feet.....
 Larch street, south side, east of Mullberry, 120 feet.....
 Larch street, south side, east of Hemlock, 129 feet.....
 Leonard street, south side, east of Water, 216 feet. Flush..
 Liberty street, west side, south of Kempton, 339 feet. Flush
 Liberty street, west side, north of Court, 164 feet.....
 Lincoln street, west side, south of Union, 171 feet. Flush
 Linden street, southwest corner of Purchase.....
 Linden street, south side, west of State, 13.5 feet.....
 Linden street, south side, west of County, 169 feet.....
 Linden street, south side, west of Reynolds, 67.5 feet..
 Linden street, south side, east of Ashland, 6.5 feet.....
 Lindsey street, west side, south of Kempton, 173 feet....
 Lindsey street, northwest corner of Morgan.....
 Locust street, southwest corner of County.....
 Locust street, southwest corner of Chestnut.....
 Locust street, southwest corner of Richmond.....
 Logan street, south side, east of Acushnet av., 400 ft. Flush
 Logan street, south side, opposite Bowditch.....
 Logan street, southeast corner of Purchase.....
 Lombard street, west side, north of Thompson. 107 feet..
 Lucas street, south side, west of Brock avenue, 275 feet..

Madison street, southwest corner of First. Flush.....
 Madison street, southwest corner of Water.....
 Madison street, southwest corner of Sixth.....
 Maitland street, southwest corner of Cedar.....
 Manomet street, south side, east of Riverside av, 246 feet..
 Maple street, southwest corner of Cottage.....
 Maxfield street, southwest corner of Second.....
 Maxfield street, southwest corner of Purchase.....
 Maxfield street, southwest corner of Pleasant.....
 Maxfield street, southwest corner of Foster.....
 Maxfield street, southwest corner of County.....
 Maxfield street, southwest corner of Chestnut.....
 Maxfield street, southeast corner of Spruce. Flush.....
 Maxfield street, southeast corner of Ash.....
 Maxfield street, south side, east of Chancery, 44.4 feet....
 Maxfield street, south side, east of Beech street, 127 feet..
 McGurk street, southwest corner of Social.....
 Mechanics lane, northwest corner of Purchase.....
 Mechanics lane, north side, east of Eighth, 206 feet. Flush..
 Merrimac street, southwest corner of Purchase.....
 Merrimac street, southwest corner of State.....
 Merrimac street, southwest corner of Summer.....
 Middle street, southwest corner of Water.....
 Middle street, southwest corner of Second.....
 Middle street, southwest corner of Acushnet avenue.....
 Middle street, southwest corner of Purchase.....
 Middle street, southwest corner of Pleasant.....
 Middle street, southwest corner of Sixth.....
 Middle street, southwest corner of County.....
 Middle street, south side, east of Cedar, 371 feet. Flush...
 Middle street, southeast corner of Chancery. Flush.....
 Mill street, southwest corner of Purchase.....
 Mill street, south side, west of Hill, 191 feet.....
 Mill street, southwest corner of Ash.....
 Mill street, south side, east of Park, 104 feet.....
 Mill street, southeast corner of Newton.....
 Mill street, southeast corner of Summit.....
 Milton street, south side, west of Rockdale avenue, 85
 feet.....
 Mitchell street, northwest corner of Coggeshall.....
 Mitchell street, west side, north of Coggeshall, 178.8 ft....
 Mitchell street, west side, south of Sawyer, 345 feet.....
 Mitchell street, southwest corner of Sawyer.....

Moorland Terrace, southwest corner of Ash.....	
Morgan street, southwest corner of County.....	
Morgan street, southwest corner of Cottage. Flush.....	
Morton's court, west side, north of Cove, 385.3 feet.....	
Mosher street, south side, west of County, 517 feet.....	
Mosher street, southeast corner of Crapo.....	
Mott street, south side, east of Brock avenue, 339 feet	
Mt. Pleasant street, west side, south of Tarkila hill rd.,	
35 feet.....	
Mt. Pleasant street, west side, north of Nash road, 1,671	
feet	
Mt. Pleasant street, west side, north of Nash road, 348	
feet	
Mt. Pleasant street, west side, north of railroad fence, 285	
feet	
Mt. Pleasant street, west side, south of Hathaway road,	
40 feet	
Mt. Pleasant street, west side, north of Peckham-West	
cemetery, 277 feet.....	
Mt. Pleasant street, west side, south of Peckham-West	
cemetery, 74 feet.....	
Mt. Pleasant street, west side, north of reservoir, 837 feet..	
Mt. Pleasant street, west side, north of reservoir, 450 feet..	
Mt. Pleasant street, west side, north of reservoir, 40 feet...	
Mt. Pleasant street, west side, south of Peckham, 217	
feet	
Mt. Vernon street, southwest corner of Mt. Pleasant.....	
Mt. Vernon street, south east corner of Vine. Flush.....	
Mt. Vernon street, south side, east of Shawmut avenue,	
241 feet	
Myrtle street, west side, south of Weld, 22 feet.....	
Myrtle street, southwest corner of Clark.....	
Myrtle street, west side, north of Clark street, 274 feet....	
Nelson street, south side, west of County, 541.6 feet.....	
Nelson street, south side, west of County, 814 feet.....	
Newton street, northwest corner of Elm.....	
Norman street, south side, east of Brock avenue, 341 feet...	
North street, southeast corner of Second.....	
North street, southwest corner of Acushnet avenue.....	
North street, southwest corner of Purchase.....	
North street, northwest corner of Pleasant.....	
North street, southwest corner of Foster.....	
North street, southwest corner of Hill.....	

North street, southwest corner of County.....	
North street, southwest corner of Emerson.....	
North street, southwest corner of Park.....	
North street, south side, west of Newton, 258 feet.....	
North street, southwest corner of Hunter.....	
North street, southwest corner of Beech.....	
Nye street, southwest corner of Belleville avenue.....	
Nye street, southwest corner of Front.....	
Nye street, south side, west of Acushnet avenue, 311.7 feet	
Oak street, southwest corner of Harrison.....	
Oak street, northwest corner of Grape.....	
Oak street, southwest corner of Allen.....	
Ocean street, west side, south of Arnold, 184.5 feet.....	
Orchard street, southwest corner of Madison.....	
Orchard street, southwest corner of Grove.....	
Orchard street, southwest corner of Fair.....	
Palmer street, northwest corner of Union.....	
Palmer street, west side, south of Elm street, 195 feet.....	
Park place, south side, west of Sixth, 306 feet. Flush.....	
Park street, southwest corner of Maxfield.....	
Park street, southwest corner of Hillman.....	
Park street, west side, south of Kempton, 339 feet.....	
Park street, northwest corner of Court.....	
Park street, west side, north of Arnold, 263 feet.....	
Parker street, south side, at Oak Grove Cemetery.....	
Parker street, southwest corner of Summer. Flush.....	
Parker street, southwest corner of County.....	
Pearl street, southwest corner of Pleasant.....	
Pearl street, southwest corner of Purchase.....	
Perry street, southwest corner of Kearsarge.....	
Phillips avenue, south side, east of Onoko lane.....	
Phillips avenue, south side, east of Acushnet avenue, 173 feet	
Phillips avenue, south side, west of Belleville avenue, 368 feet	
Phillips avenue, southwest corner of Riverside avenue.....	
Pierce street, west side, north of Court, 253.7 feet.....	
Pine street, northwest corner of Cross. Flush.....	
Plainville road, south side, east of Shawmut avenue, 705 feet	
Plainville road, south side, east of Shawmut avenue, 1,139 feet	
Plainville road, south side, east of Shawmut avenue, 2,317 feet	

Plainville road, south side, east of Shawmut avenue, 3,113 feet	
Plainville road, south side, east of Shawmut avenue, 3,920 feet	
Pleasant street, northwest corner of Market.....	
Pleasant street, west side, north of William, 21.5 feet.....	
Pleasant street, east side, foot of Sycamore.....	
Pleasant street, northwest corner of Pope. Flush.....	
Pleasant street, northwest corner of Austin. Flush.....	
Pleasant street, southwest corner of Linden. Flush.....	
Pleasant street, southwest corner of Weld.....	
Plummer avenue, southwest corner of Riverside avenue....	
Plummer avenue, south side, east of Belleville avenue, 177 feet	
Pope street, southwest corner of Purchase.....	
Pope street, south side, opposite North Oak.....	
Pope street, southwest corner of Summer.....	
Poplar road, south side, west of Bolton road, 431 feet.....	
Potomska street, a group of three post hydrants located about 300 feet east of Prospect and 91 feet north of south line of Potomska street.....	
Potter street, south side, east of Shawmut avenue, 403 feet	
Prospect street, west side, north of Grinnell, 275.2 feet....	
Prospect street, northwest corner of Grinnell.....	
Prospect street, west side, north of Potomska; 324.5 feet....	
Prospect street, northwest corner of Potomska.....	
Purchase street, northwest corner of Dean.....	
Purchase street, west side, opposite Onoko mill.....	
Purchase street, east side, opposite Clark.....	
Purchase street, west side, south of Campbell, 348 feet...	
Purchase street, northwest corner of Union. Flush.....	
Purchase avenue, northeast corner of Purchase.....	
Reed street, west side, north of Court, 145 feet.....	
Reed street, southwest corner of Elm.....	
Reed street, southwest corner of Middle.....	
Reynolds street, southwest corner of Weld.....	
Reynolds street, west side, south of Clark, 17.9 feet.....	
Reynolds street, southwest corner of Cedar Grove street...	
Richmond street, southwest corner of Maitland.....	
Riverside avenue, west side, opposite Manomet street.....	
Riverside avenue, west side, north of Manomet, 134 feet.....	
Riverside avenue, west side, north of Manomet, 336 feet.....	
Riverside avenue, west side, north of Manomet, 532 feet.....	

Rivet street, southwest corner of Second. Flush.....
 Rivet street, southwest corner of County.....
 Rivet street, southwest corner of Bonney.....
 Rivet street, south east corner of Bolton road.....
 Rivet street, southwest corner of Hemlock.....
 Robeson street, southwest corner of County.....
 Robeson street, southwest corner of Ashland.....
 Robeson street, southeast corner of Cottage.....
 Robeson street, southeast corner of Cedar.....
 Robeson street, south side, west of Cedar, 424 feet.....
 Rockdale avenue, southwest corner of Bolton road.....
 Rockdale avenue, south side, west of Bolton road, 327 feet..
 Rockdale avenue, southwest corner of Grant street.....
 Rockdale avenue, southwest corner of Fairmount.....
 Rockland street, southwest corner of County.....
 Rockland street, southeast corner of Hall.....
 Rockland street, south side, west of Orchard, 13 feet.....
 Rockland street, south side, east of Hemlock, 179.3 feet....
 Rockland street, southwest corner of Lombard.....
 Rodney street, south side, east of Brock avenue, 1,427 feet....
 Rotch street, west side, south of Union, 213.7 feet.....
 Rounds street, northwest corner of Elm.....
 Rural street, southwest corner of Allen.....
 Russell street, south side, east of Fifth, 92 feet. Flush....
 Russell street, southwest corner of Sixth.....
 Salisbury street, northwest corner of Ruth.....
 Sawyer street, south side, west of County, 644 feet.....
 Sawyer street, southwest corner of Purchase.....
 Sawyer street, south side, opposite Brook.....
 Sawyer street, southwest corner of Bowditch.....
 Sawyer street, southwest corner of Acushnet avenue.....
 Sawyer street, southeast corner of Belleville avenue.....
 Sawyer street, north side, east of Mitchell, 169 feet.....
 Sawyer street, south side, east of Mitchell, 418.8.....
 Sawyer street, north side, east of Belleville ave., 750 feet..
 Sawyer street, south side, east of Mitchell street, 690 feet..
 School street, southwest corner of Sixth.....
 Scott street, south side, west of County, 494 feet.....
 Sears court, southwest corner of Purchase street. Flush..
 Second street, northwest corner of Mill. Flush.....
 Second street, west side, south of Elm, 52 feet.....
 Second street, west side, south of Spring, 74 feet. Flush..
 Second street, northwest corner of Coffin. Flush.....

Second street, west side, at head of Morgan's lane.....
 Second street, west side, north of Grinnell, 61 feet. Flush..
 Second street, west side, north of Potomska, 232 feet.....
 Second street, west side, south of Potomska, 122 feet.....
 Second street, west side, south of Blackmer, 188 feet.....
 Seneca street, south side, east of Acushnet avenue, 270 feet...
 Seventh street, southwest corner of Union.....
 Seventh street, west side, north of Madison, 50 feet.

Flush

Shawmut avenue, southwest corner of Willis.....
 Shawmut avenue, southwest corner of Parker.....
 Shawmut avenue, west side, head of Locust.....
 Shawmut avenue, southwest corner of Robeson.....
 Shawmut avenue, west side, north of Austin, 195 feet.....
 Shawmut avenue, west side, north of Durfee, 497 feet.....
 Shawmut avenue, southwest corner of Grand.....
 Shawmut avenue, west side, north of Grand, 363 feet.....
 Shawmut avenue, west side, opposite Topham street.....
 Shawmut avenue, northwest corner of Plainville road.....
 Sherman street, south side, west of County, 314 feet.

Flush

Shore street, west side, south of Cove road, 264 feet.....
 Sisson street, northwest corner of Union.....
 Sisson street, west side, north of Arnold, 142 feet.....
 Sixth street, west side, north of Grinnell, 194 feet.....
 Smith street, southwest corner of County.....
 Smith street, southwest corner of Chestnut.....
 Smith street, southeast corner of Spruce.....
 Smith street, southeast corner of Shawmut avenue.....
 Smith street, south side, east of Park, 5 feet.....
 South street, south side, east of Crapo, 357 feet.....
 South street, southwest corner of Acushnet avenue.....
 South street, southwest corner of Second.....
 South street, southwest corner of First.....
 South street, southwest corner of Water.....
 South street, southwest corner of Prospect.....
 Spring street, southwest corner of Water.....
 Spring street, southeast corner of Acushnet avenue.....
 Spring street, southeast corner of Fifth.....
 Spring street, southwest corner of Seventh.....
 Stapleton street, southwest corner of Cove... ..
 State street, southwest corner of Sycamore.....
 State street, southwest corner of Pearl. Flush.....
 Stone street, west side, south of Allen, 208.6 feet.....

Stowell street, south side, east of Field, 153 feet.....	
Summer street, northwest corner of North. Flush.....	
Summer street, northwest corner of Hillman. Flush.....	
Summer street, southwest corner of Willis. Flush.....	
Summer street, southwest corner of Locust.....	
Sycamore street, southwest corner of Thomas. Flush.....	
Sycamore street, southwest corner of Summer. Flush.....	
Sycamore street, southwest corner of Chancery.....	
Taber street, southwest corner of Page.....	
Taber street, south side, west of Page, 428.7 feet.....	
Tallman street, southwest corner of Belleville avenue....	
Tallman street, southwest corner of Front.....	
Tarkiln Hill road, southwest corner of Belleville avenue.....	
Tarkiln Hill road, south side, west of Acushnet avenue, 450 ft.	
Thatcher street, northwest corner of Grit.....	
Thompson street, southeast corner of Bourne.....	
Thompson street, southwest corner of Hemlock.....	
Thompson street, south side, east of Hemlock, 99.6 feet....	
Thompson street, south side, west of Bonney, 302 feet.....	
Thompson street, south side, east of Hall, 20 feet.....	
Thompson street, southwest corner of County.....	
Tinkham street, south side, east of Acushnet avenue, 239.2 feet	
Tinkham street, south side, west of Bowditch, 314 feet.....	
Topham street, south side, east of Shawmut avenue, 647 feet	
Tremont street, southwest corner of Union.....	
Tremont street, northwest corner of Maple.....	
Trinity street, south side, west of Cedar, 264 feet.....	
Trinity street, south side, east of Shawmut avenue, 203 feet	
Union street, southwest corner of Front.....	
Union street, southwest corner of Water.....	
Union street, southwest corner of First.....	
Union street, southwest corner of Second.....	
Union street, southwest corner of Acushnet avenue.....	
Union street, southwest corner of Sixth.....	
Union street, southwest corner of County.....	
Union street, southeast corner of Emerson.....	
Union street, southwest corner of Ocean.....	
Union street, southeast corner of Rotch.....	
Valentine street, south side, west of Brock avenue, 621 feet	

Valentine street, south side, east of West French avenue.
 142 feet
 Viall street, northwest corner of Ruth street.....
 Vine street, west side, north of Durfee, 215 feet.....
 Walden street, southwest corner of Maxfield. Flush.....
 Wall street, south side, east of Acushnet avenue, 165 feet.
 Flush
 Wall street, southeast corner of Acushnet avenue.....
 Walnut street, northwest corner of Front.....
 Walnut street, southwest corner of Water.....
 Walnut street, southwest corner of Second. Flush.....
 Walnut street, southwest corner of Fourth.....
 Walnut street, southwest corner of Seventh.....
 Wamsutta street, south side, west of Front, 200 feet.....
 Wamsutta street, south side, west of Front, 372 feet.....
 Wamsutta street, south side, east of Acushnet avenue, 286
 feet
 Ward street, southwest corner of Bay.....
 Ward street, west side, north of Allen, 195 feet.....
 Warren street, southeast corner of West French avenue.....
 Warren street, southwest corner of Brock avenue.....
 Washburn street, southeast corner of Acushnet avenue....
 Washburn street, south side, west of North Front, 228 feet.
 Washington street, southwest corner of County.....
 Washington street, southwest corner of Crapo.....
 Washington street, south side, west of Orchard, 102 feet...
 Washington street, southeast corner of Dartmouth. Flush..
 Water street, southwest corner of Hillman. Flush.....
 Water street, southwest corner of North.....
 Water street, northwest corner of High.....
 Water street, southwest corner of Elm. Flush.....
 Water street, west side, north of Center, 48 feet
 Water street, southwest corner of School.....
 Water street, west side, head of Pine.....
 Water street, west side, head of Leonard.....
 Water street, southwest corner of Howland.....
 Water street, northwest corner of Grinnell.....
 Water street, northwest corner of Potomska.....
 Water street, west side, south of Potomska, 266 feet.....
 Water street, northwest corner of Rive
 Water street, southwest corner of Blackmer.....
 Water street, northwest corner of Deland.....
 Water street, west side, head of Gifford.....

Weld street, southeast corner of Mt. Pleasant.....	
Weld street, southwest corner of State.....	
Whitman street, south side, east of Diman, 166 feet.....	
Willard street, south side, west of Brock avenue, 560 feet..	
Willard street, south side, east of West French avenue,	
101 feet.....	
William street, southwest corner of Bethel.....	
William street, southwest corner of Second.....	
William street, southwest corner of Purchase.....	
William street, southwest corner of Sixth.....	
William street, southwest corner of Eighth.....	
Willis street, southwest corner of Acushnet avenue.....	
Willis street, southwest corner of Purchase.....	
Willis street, southeast corner of Pleasant.....	
Willis street, southwest corner of State.....	
Willis street, southwest corner of County.....	
Willis street, southwest corner of Cottage.....	
Willis street, south side, west of Cedar, 200 feet.....	
Willow street, southwest corner of Cottage.....	
Willow street, south side, west of Cedar, 224 feet.....	
Willow street, southeast corner of Shawmut avenue.....	
Wing street, southwest corner of Fourth.....	
Wing street, southwest corner of Sixth.....	
Windsor street, southwest corner of County.....	
Windsor street, south side, west of County, 455.5 feet.....	
Windsor street, southeast corner of Crapo.....	
Wood street, south side, west of Acushnet avenue, 366 feet.	
Woodlawn street, south side, west of Brock avenue, 636	
feet	
Woodlawn street. south side, east of West French avenue,	
134 feet.....	

Number of flush hydrants..... 99

Number of post hydrants..... 707

Total number of hydrants..... 806

SUMMARY OF STATISTICS.

Report of 1904.

IN ACCORDANCE WITH SUGGESTIONS ADOPTED BY THE
NEW ENGLAND WATER WORKS ASSOCIATION.

NEW BEDFORD WATER WORKS,

NEW BEDFORD,

BRISTOL COUNTY, MASS.

Population by census of 1900,

62,442.

Date of construction,

1866 to 1869, inclusive.

Further supply, 1895 to 1901, inclusive.

By whom owned,

The property of the City of New Bedford.

Source of supply,

Water was first introduced on Nov. 26th, 1869. From that date until July 10th, 1899, the supply was taken from a storing reservoir artificially formed by constructing a dam across the valley of the Acushnet river, seven miles north of the center of the City. This supply was augmented by a connection made in 1886 with Little Quittacas Pond.

Since July 10th, 1899, the whole supply has been taken from Great and Little Quittacas Ponds, eleven miles north of the center of the City.

Mode of supply,

Previous to July 10th, 1899, the water flowed by gravity from the Acushnet Storing Reservoir (grade 40' + high water New Bedford Harbor) through a brick conduit 3 feet wide, 4 feet high, $5\frac{8}{10}$ miles long to a receiving reservoir (capacity 3 million gallons; grade 80') located opposite the Purchase street pumping station. Thence it was pumped into the Mt. Pleasant distributing reservoir (capacity, 15 million gallons; grade 154') located 1879 feet distant, from whence it flowed by gravity into the city's distributing system.

Since July 10th, 1899, the entire supply has been pumped from Little Quittacas pond (grade 52' through a 48 inch steel force main $8\frac{1}{4}$ miles long to a distributing reservoir (capacity 67 million gallons; grade 216') located upon High Hill, in the town of Dartmouth. From this reservoir it flows into the City's distributing system by gravitation through a 36 inch cast iron pipe $3\frac{2}{3}$ miles long.

The first named system is not now in use; but is held in reserve to meet any emergency which might occur.

PUMPING.

1. Builders of pumping machinery,

Purchase street station,

- a.* McAlpine engine, built by Quintard Iron Works.
- b.* Worthington duplex engine, built by Henry R. Worthington.
- c.* Worthington high duty engine, built by Henry R. Worthington.

Little Quittacas station,

- a.* Leavitt engine, built by the Dickson Manufacturing Co.
- b.* Leavitt engine, built by the Dickson Manufacturing Co.

2. Description of fuel used,

- a.* Bituminous.
- b.* George's Creek Cumberland.
- c.* Price per gross ton delivered, Little Quittacas station, \$5.67.
- d.* Percentage of ash, 7.
- e.* Wood, price per cord, none used.

Little Quittacas
Station,
Engine B.

3. Coal consumed for the year in pounds, 3,082,575 lbs.
4. $\frac{\text{Lbs of wood consumed}}{3}$ coal,
5. Total fuel consumed for the year, (3 + 4), 3,082,575 lbs.
6. Total pumping for the year in gallons, with allowance for slip, 2,562,598,170 galls.
7. Av. static head against which pumps work, 167.18 ft.
8. Av. dynamic head against which pumps work, 185.02
9. a. Number of gallons pumped per pound of fuel, (5), 831 galls.
- b. Number of gallons raised 100 feet per pound of coal for total fuel, (5), 1537 galls.
10. Duty in foot pounds per 100 pounds of coal, using following formula making no deductions for starting, banking fires, heating building, or anything else,

$$\text{Duty} = \frac{\text{Gallons pumped (6)} \times 8.34 \text{ (lbs)} \times 100 \times \text{dynamic head (8)}}{\text{Total fuel consumed (5)}} = 128,277,825 \text{ ft. lbs.}$$

**COST OF PUMPING, FIGURED ON PUMPING STATION
EXPENSES, VIZ., \$19,202.08.**

- 11. Per million gallons raised against average
dynamic head (8) into reservoir, \$7.49
- 12. Per million gallons raised one foot high
(dynamic), 4 $\frac{1}{10}$ cents

**COST OF PUMPING, FIGURED ON TOTAL MAINTENANCE,
(See Financial CC. + DD.) VIZ., \$121,501.16.**

- 13. Per million gallons raised against average
dynamic head (8) into reservoir, \$47.42
- 14. Per million gallons one foot high
(dynamic), 25 $\frac{1}{10}$ cents

FINANCIAL STATISTICS.

RECEIPTS.		EXPENDITURES.	
<i>Balance brought forward,</i>		<i>Water Works Maintenance:</i>	
(a) From ordinary (maintenance) receipts,	\$4,696.37	AA. Operation (management and repairs),	\$49,021.16
(b) From extraordinary receipts (bonds, etc.),	13,770.36	CC. Total maintenance,	\$49,021.16
Total,	\$18,466.73	DD. Interest on bonds,	72,480.00
		CC. + DD.,	\$121,501.16
<i>From Water Rates:</i>		EE. Payment of bonds,	30,000.00
A. Fixture rates,	\$77,121.73	FF. Sinking fund,	44,000.00
B. Meter rates,	52,313.16		
C. Total from consumers,	129,434.89	<i>Water Works Construction:</i>	
D. For hydrants,		GG. Extension of mains,	\$19,976.23
E. For fountains,		HH. Extension of services,	5,578.37
F. For street watering,		II. Extension of meters,	2,379.99
G. For public buildings,		JJ. Special,	2,408.78
H. For miscel. uses,	12,000.00	KK. Total construction,	30,338.37
I. Gen'l appropriation,		MM. Balance:	
J. Total from municipal depts.,		(aa) Ordinary,	\$1,542.09
K. From tax levy,	67,480.00	(bb) Extraordinary,	
N. Total,	\$227,381.62	Total balance,	1,542.09
		N. Total,	\$227,381.62

FINANCIAL — (Continued).

Disposition of balance.	Balance to new account.	
O. Net cost of works to date, -	- - - - -	\$3,281,678.78
P. Bonded debt at date, -	- - - - -	\$1,638,000.00
Q. Value of sinking fund at date, -	- - - - -	\$232,016.99
R. Average rate of interest, -	- - - - -	4 ³⁴ / ₁₀₀ per cent.

STATISTICS OF CONSUMPTION OF WATER.

1.	Estimated total population at date,	73,000
2.	Estimated population on lines of pipe,	64,000
3.	Estimated population supplied,	63,000
4.	Total consumption for the year,	2,570,360,614 gallons
5.	Passed through meters,	762,810,000 gallons
6.	Percentage of consumption metered,	29 $\frac{7}{10}$ per cent.
7.	Average daily consumption,	7,001,520 gallons
8.	Gallons per day to each inhabitant,	96
9.	Gallons per day to each consumer,	111
10.	Gallons per day to each tap,	689
11.	Cost of supplying water, per million gallons, figured on total maintenance (item CC.),	\$19.07
12.	Total cost of supplying water, per million gallons, figured on total maintenance + interest on bonds,	\$47.27

STATISTICS RELATING TO DISTRIBUTION SYSTEM.

MAINS.	SERVICES.
1. Kind of pipe, cast iron.	16. Kind of pipe, lead and cast iron.
2. Sizes from 4 inch to 36 inch.	17. Sizes, from $\frac{1}{2}$ to 10 inches.
3. Extended, 13,758 feet during year.	18. Extended, 12,119.5 feet.
4. Discontinued, 2,358 feet during year.	19. Discontinued, 634 feet.
5. Total now in use, 102 $\frac{28.58}{10000}$ miles.	20. Total now in use, 66.97 miles.
6. Cost of repairs per mile, \$9.50.	21. Number of service taps added during year, 239.
7. Number of leaks per mile, .088.	22. Number now in use, 10,166.
8. Length of pipes less than 4 inches diam., $\frac{88.52}{10000}$ miles.	23. Average length of service, 34.8 feet.
9. Number of hydrants added during the year,	24. Average cost of service for the year :
(public and private),	a. Gross, \$21.29.
10. Number of hydrants, (public and private)	b. Net, 4.98.
now in use,	25. Number of meters added, 191.
11. Number of stop gates added during year,	26. Number now in use, 2,145.
12. Number of stop gates now in use,	27. Percentage of services metered, 21 $\frac{1}{10}$.
13. Number of stop gates smaller than 4 inch,	28. Percentage of receipts from metered water (B- $\frac{1}{2}$ -C)
14. Number of blow offs,	40.
15. Range of pressure on mains, 25 lbs. to 95 lbs.	29. Number of motors and elevators added, 3.
	30. Number now in use, 135.

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
January 2, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
January 2, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT — No. 4.

The Fifty-Third Annual Report

OF THE

TRUSTEES

OF THE

FREE PUBLIC LIBRARY

OF THE

CITY OF NEW BEDFORD, MASS.

**NEW BEDFORD, MASS.
THE A.E. COFFIN PRESS, CITY PRINTERS.
1905.**

Officers of the Free Public Library

FOR THE YEAR 1905.

TRUSTEES.

Ex-officio.

Terms expire January, 1906.

CHARLES S. ASHLEY, Mayor of the City.

SAMUEL HIGHAM, President of the Common Council.

JOHN HANNIGAN, Chairman of the Committee of the City on Education.

Elected by the City Council.

WALTER S. ALLEN, Term expires April, 1905.

WILLIAM L. SAYER, Term expires April, 1905.

ISAAC B. TOMPKINS, JR., Term expires April, 1906.

JIREH SWIFT, JR., Term expires April, 1906.

FRANCIS M. KENNEDY, Term expires April, 1907.

OTIS SEABURY COOK, Term expires April, 1907.

PRESIDENT OF THE BOARD,
THE MAYOR.

CLERK,
WILLIAM L. SAYER.

COMMITTEES,

On Library — MESSRS. SAYER, TOMPKINS, AND SWIFT.

On Finance — MESSRS. KENNEDY, ALLEN, AND COOK.

On the Building — MESSRS. ALLEN, HANNIGAN AND COOK.

On Branch Reading Rooms — MESSRS. SWIFT AND HANNIGAN.

LIBRARIAN,
GEORGE H. TRIPP.

CATALOGUER,
ANNA M. DEWOLF.

ASSISTANTS,

CLEMENT L. YAEGER, JOSEPHINE A. MERRICK, SUSIE H. GAMMONS,
ETTA F. LAWRENCE, FLORENCE E. PIERCE, NELLIE C. DAVOLL.

DELIVERY STATION ATTENDANTS,

North Station—WILLIAM BROWN. South Station—ROBERT ALLEN.

PAGES,

ARTHUR J. ROGERS, JOHN LEES, WILFRID DOWNHILL,
WILLIAM R. BOCHMANN, WILLIAM J. FEELEY.

JANITOR,
YORRCIK W. AMES.

Trustees' Report.

To the City Council of the City of New Bedford :

GENTLEMEN:— The Trustees of the Free Public Library present herewith their 53d annual report, including the report of the librarian. To that report the trustees refer the City Council for a detailed account of the activities of the library during the past year, commending also the suggestions made by him.

The trustees have every reason to feel great satisfaction with the manner in which the work of the library is directed and with the zeal and fidelity of the entire staff. The work continually grows more taxing, indicating a near approach of the time when additions to the force must be made if the public continues to be served in the manner which it has grown to expect. In nothing is the extension of the library's enterprise and activity so marked as in the department of furnishing information on a great variety of topics. The librarian has, by every means in his power, encouraged the public to ask for this information, and the task has grown to a degree which is realized only by those in close touch with the library work.

Many of the questions asked may appear to some to be trivial, but neither the trustees nor the librarian feel that any searcher for knowledge, however trifling its nature may be, should be ignored or repelled. It is a conspicuous part of the office of a modern library to serve as a gigantic cyclopedia for the community in which it is

located, and it is no part of the duty of its officials to discriminate as to the importance of the varying applications for information. But to meet the demand and to make the resources of the library of the most value, it is necessary that trained and skillful service should be provided. The trustees respectfully call attention to the fact that the present service, efficient as it is, will undoubtedly become insufficient within a very few years. As undoubtedly a competent staff of attendants is as necessary to a library as books, the problem of providing for widening needs of administration will soon be strenuously pressing.

The trustees again call attention to the necessity of enlarged reading room accommodations, and particularly to the great need of a children's room, under intelligent and sympathetic direction.

Although the bequest of Mrs. Sarah E. Potter is not yet available for the uses of the library, and although the trustees have as yet no official knowledge of the gift, we desire to express our appreciation of the benefaction, which opens up possibilities of usefulness that can hardly yet be realized.

Respectfully,

CHARLES S. ASHLEY,	}	<i>Ex-officio</i>
SAMUEL HIGHAM,		
JOHN HANNIGAN,		
WALTER S. ALLEN,	}	<i>Elected Trustees</i>
WILLIAM L. SAYER,		
ISAAC B. TOMPKINS, JR.,		
JIREH SWIFT, JR.,		
FRANCIS M. KENNEDY,	}	
OTIS SEABURY COOK,		

Librarian's Report.

To the Board of Trustees of the Free Public Library :

GENTLEMEN:— I respectfully submit the following report on the condition of the library, and the work of the year just past.

The accommodations of the building were improved during the spring by the addition of a new gallery and stacks, providing extra room for about fifteen thousand volumes. Such, however, was the crowded condition of the stacks, that the growth of the library for five years at the outside, will again severely tax the space devoted to books. Although the stacks are overflowing, yet the greatest inconvenience is felt in the quarters devoted to the cataloguing and accession departments of the library, while the reading and reference room is usually uncomfortably crowded. There can be no permanent improvement in these respects until the time shall come when a new library building can be provided. Meanwhile, the work of the library will be carried on as smoothly and profitably as the conditions will warrant.

The notable bequest by the will of Mrs. Sarah E. Potter of \$250,000.00 for the purchase of books and other supplies of the library, marks an epoch in the history of this institution, and will undoubtedly prove of the greatest influence on its future. It will give an opportunity to build up special collections in a way which will help to

put our library in an extremely satisfactory position among the larger libraries of the country.

The circulation of books during the year has been larger than the year before, by something over five thousand books. The percentage of fiction, owing to the plan of allowing two or more books to be taken out on one card, shows a slight decrease as seen by the annexed tables. The purchase of books amounted in number to 3,966, costing \$4,292.00, or an average of \$1.08 per volume. During the summer, the vacation privilege was again extended to readers, and was very generally regarded as a great convenience.

Our relations with other libraries in the interchange of books, have continued to be mutually agreeable, and bid fair to be of still greater benefit in the future. By the process of inter-library loans, the resources of every library of the country are practically within the reach of the card-holders of every other library.

The branch reading rooms have continued to render good service, and the plan of establishing collections of books at these stations, which can be taken out directly from the rooms, has proved to be a success, notably at the North Branch. Delivery stations have been established at six of the engine houses, where monthly delivery of books is made; the plan has worked well and promises to be of increasing value. It is hoped that within a few weeks, delivery stations may be established in the north, west, and south-west sections of the city, where books may be delivered and collected three times a week. With the establishment of these stations, the city will be pretty well provided with library facilities. By loans of collections of books to the teachers at the High school, a delivery station has practically been provided for in that building. When the Kempton Fund, the gift of Sarah E. Potter, becomes available, it would seem that similar privileges could well be extended to many of the

elementary schools, in addition to the library service which is now available.

A class of twenty girls from the Harrington Training school was given a course of lessons in library work during the early summer, which it was hoped would be of great advantage to the young teachers about to graduate from that school. The class entered upon the work with enthusiasm, and the experiment was in all ways successful and should be continued with succeeding classes.

The pamphlet containing a list of our Textile books has been widely circulated and has been in demand by libraries in all parts of the country. A revised edition will soon be published.

The bulletins issued in connection with the monthly book lists have been continued, dealing with timely topics, such as the Russo-Japanese War, St. Louis Exposition, and summer excursions. Slips giving a suitable list of boys' books have been freely distributed among the younger patrons of the library. The weekly display of art photographs has been continued through the year, varied by special collections of Thanksgiving and Christmas posters.

A collection of local business trade lists and advertising pamphlets has been made during the year.

The Providence Journal published an illustrated account of the library in one of its Sunday issues in the autumn. In this connection I wish to notice the timely interest and helpful suggestions made by the local papers at various times through the year, which have tended to make the public better acquainted with the resources of the library and the help which can be obtained on application.

Besides the munificent gift of the Kempton Fund mentioned above, the gifts of books to the library will be noted in the accompanying appendix, by far the largest donor to the library being the United States Government.

Our library has been represented at most of the meetings of the Massachusetts Library Club, which has held several interesting and valuable sessions through the year.

The work of the assistants merits commendation, and their labors, conducted as they have been in crowded and poorly ventilated rooms, have been all that could be expected.

I would renew the suggestion which I made in my last report, that when it is possible to do so, the branch reading rooms should be open on Sundays.

I wish to call special attention to the very large collection of periodicals to which the library is a subscriber. In a folder, which will soon be published, a classified list of such periodicals will be printed. These folders will be distributed from the delivery desk in the library.

The information work is constantly growing, and should be emphasized so that all may know that information on nearly every subject may be obtained freely at the library, so whether the request comes by telephone, by letter, or by personal application, the entire resources of the library are within the reach of all interested questioners. The public library, by location and by use, should be the center of the intellectual activity of any community, and the library best proves its right to existence when it best serves such a purpose.

Respectfully submitted,

GEORGE H. TRIPP,

Jan. 2, 1905.

Librarian.

APPENDIX A.

CIRCULATION.

CLASSIFICATION	NO. OF BOOKS CIRCULATED	PERCENT OF WHOLE
Miscellaneous and periodicals,	5,115	4.3
Philosophy,	804	.7
Religion,	1,074	.9
Sociology, including education, labor, law, etc.,	2,762	2.9
Language,	580	.4
Science,	2,613	2.2
Useful arts,	3,208	2.7
Fine arts,	3,697	3.5
English literature,	3,193	2.7
Foreign literature,	723	.6
Biography,	3,198	2.7
History,	4,164	3.5
Travel and description,	3,617	3.5
English fiction,	80,037	67.6
Foreign fiction,	3,616	3.5
Uncharged or unclassified, From special collections at branches,	1,000 2,522	
	<hr/> 121,923	

APPENDIX B.

GENERAL STATISTICS FOR 1904.

Volumes added to the library from all sources,	4,625
Pamphlets,	1,497
Atlas folios, maps, charts,	150
Total additions,	6,272

Volumes added by purchase,	3,966	
Volumes added by gift,	639	
Volumes worn out and withdrawn,	601	
Volumes replaced,	302	
Net additions to the library in volumes,		4,326
Volumes bound (including periodicals and volumes repaired at bindery),		1,650
Total number of volumes in the library,		
Jan. 1, 1905,		89,262
Periodicals in reading room,		276
Newspapers in reading room,		38
New cards issued,		2,522
Books drawn for home use,		121,923
Pictures loaned : —		
Paintings,	590	
Architecture,	206	
Prints,	115	
Sculpture,	104	
Prang Historic Ornament,	114	
Miscellaneous,	49	
Total,	—	1,178
North Branch : —		
Attendance, adults,	6,963	
“ children,	14,923	
Books circulated,	3,311	
Periodicals in reading room,	12	
Newspapers in reading room,	14	
South Branch : —		
Attendance, adults,	6,329	
“ children,	16,101	
Books circulated,	1,065	
Periodicals in reading room,	11	
Newspapers in reading room,	9	

APPENDIX C.

EXPENDITURES, 1904.

CITY APPROPRIATION.

Appropriation,		\$13,000.00
Binding,	\$944.98	
Carrying books to branches,	80.00	
Periodicals,	1,217.86	
Printing,	275.82	
Incidentals,	3.00	
Lighting,	165.28	
Books,	12.20	
Insurance,	190.00	
Repairs,	132.87	
Telephone,	43.50	
Salaries and wages,	9,700.13	
Supplies,	251.70	
	<hr/>	\$13,017.34

DOG FUND.

Balance,		\$1,262.95
Income,		1,564.45
		<hr/>
		\$2,827.40
Books,	\$36.00	
Photographs,	8.74	
Newspapers and periodicals,	102.50	
Repairs,	2,309.46	
Freight, etc.,	12.92	
Binding,	138.80	
Supplies,	114.26	
Lighting reading rooms,	72.21	
Carrying books to branches,	20.00	
	<hr/>	\$2,814.89
Balance,		<hr/>
		\$12.51

READING ROOM FUND.

Balance,		\$8.32
Lighting rooms,	\$8.32	

FREE PUBLIC LIBRARY.

JAMES B. CONGDON FUND.

Balance,		\$187.66
Income,		30.00
		<hr/>
		\$217.66
Books,	\$130.56	
Periodicals,	21.95	
	<hr/>	
		\$152.51
		<hr/>
Balance,		\$65.15

GEORGE O. CROCKER FUND.

Balance,		\$61.62
Income,		400.00
		<hr/>
		\$461.62
Books,	\$347.42	
Autographs,	5.00	
Photographs,	34.91	
Manuscript,	10.00	
Periodicals,	7.00	
Leonard Papers,	22.88	
	<hr/>	
		\$427.21
		<hr/>
Balance,		\$34.41

OLIVER CROCKER FUND.

Balance,		\$279.06
Income,		60.00
		<hr/>
		\$339.06
Periodicals,	\$116.50	
Books,	152.60	
Supplies,	2.00	
	<hr/>	
		\$271.10
		<hr/>
Balance,		\$67.96

FREE PUBLIC LIBRARY.

13

GEORGE HOWLAND, JR., FUND.

Balance,	\$50.05
Income,	96.00
	<hr/>
	\$146.05
Books,	\$88.00
	<hr/>
Balance,	\$58.05

SYLVIA ANN HOWLAND FUND.

Balance,		\$4.06
Income,		3,000.00
		<hr/>
		\$3,004.06
Books,	\$2,981 27	
Periodicals,	14.50	
	<hr/>	
		\$2,995.77
		<hr/>
Balance,		\$8.29

CHARLES W. MORGAN FUND.

Balance,	\$204.91
Income,	60.00
	<hr/>
	\$264.91
Books,	\$253.77
	<hr/>
Balance,	\$11.14

CHARLES L. WOOD FUND.

Balance,	\$225 54
Income,	80.00
	<hr/>
	\$305.54
	<hr/>
Books,	\$290.14
	<hr/>
Balance,	\$15 40

TOTAL EXPENDITURES.

Binding,	\$1,083 78
Books,	4,291.96
Carrying books to branches,	100.00
Freight,	12 92
N. B. Gas & Edison Light Co.,	245 81
Newspapers and periodicals,	1,480.31
Photographs,	43.65
Printing,	275.82
Repairs,	2,442.33
Salaries and wages,	9,700.13
So. Mass. Telephone Co ,	48.50
Supplies,	367.66
Insurance,	190.00
Copying Leonard Papers,	22.88
Old Documents,	10.00
Autographs,	5.00
Incidentals,	3.00
	<hr/>
	\$20,319.05

FINES ACCOUNT.

Balance, Jan 1, 1905,	\$594.32
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APPENDIX D.

LIST OF NOTEWORTHY BOOKS ADDED IN 1904.

New American Navy. 2 vs.	John D. Long
Holy Days and Holidays	E. M. Deems, comp.
Wild Nature's Ways	R. Kearton
Pilgrimages to Old Homes on Welsh Border	Fletcher Moss
Two Centuries of Costume in America. 2 vs.	Alice Morse Earle
Electrical Engineer's Pocket-book	Horatio A. Foster
Cambridge Modern History	A. W. Ward and others
Historic Highways of America	Archer B. Hulbert
English Literature	R. Garnett and E. Gosse
Ohio Archaeological and Historical Publications	
Logic Primer. Reprint	John Eliot
Sixteen Years in Siberia	Leo. Deutsch
Songs of Robert Burns	James C. Dick
Swallowfield and its Owner	Lady Russell
Reminiscences of the Civil War	John B. Gordon
Art of the Pitti Palace	Julia De Wolf Addison
Memoirs of Madame Lebrun	Lionel Strachey
Journal of the House of Representatives	William Bradford
Rip Van Winkle, illus. bd. by Zaehnsdorf	Washington Irving
Philosophy of the Christian Religion	Andrew M. Fairbairn
Handyman's Book	Paul N. Hasluck, Ed.
Pen and Ink Drawings	George H. Bartlett
Letters of Lady Louisa Stuart to Louisa Clinton	James A. Home, Ed.
Civil Engineer's Pocket-book	John C. Trautwine
Mechanical Engineer's Reference Book	Henry H. Supplee
History of the Popes. 6 vs.	Ludwig Pastor
Vital Records of Rhode Island. 1636-1850	James N. Arnold
Hammond Families	F. S. Hammond
Queen of Tears, Caroline Matilda. 2 vs.	W. H. Wilkins
Mezzotints	Cyril Davenport
Descendants of Francis Le Baron	M. L. Stockwell, comp.
Registry of American Families	William A. Crozier
Story of Byfield	John Louis Ewell
Conference of Charities and Correction	
Der Ornamentenschatz. Plates	H. Dolmetsch
Heraldischer Atlas	H. G. Ströhl
History of Religious Orders	Charles W. Currier
United States Compiled Statutes	J. A. Mallory, comp.

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|---|----------------------------|
| Greek Sculpture | Edmund Von Mach |
| French and English Furniture | Esther Singleton |
| Carmina. Aldine edition. 1504 | Nazianzenus Gregorius |
| Pediatrics | Thomas M. Rotch |
| Oxyrhynchus Papyri | Egypt Exploration Fund |
| Textile Fibres of Commerce | William J. Hannan |
| Creevey Papers. 2 vs. | Herbert Maxwell, Ed. |
| Code of Hammurabi | Robert F. Harper |
| Illustrated Natural History. 3 vs. | J. G. Wood |
| Truth About the Trusts | John Moody |
| John L. Stoddard's Lectures. 10 vs. | |
| Rocky Mountain Saints | T. B. H. Stenhouse |
| Gods of Egyptians. 2 vs. | E. A. Wallis Budge |
| Letters from England. 1846-1849 | Elizabeth Davis Bancroft |
| Art of James McNeill Whistler | T. R. May and G. R. Dennis |
| Synoptic Text-book of Zoölogy | Arthur W. Weyse |
| Pewter Plate | H. J. L. J. Massé |
| William Pepper, M. D., L. L. D. | Francis M. Thorpe |
| Land of Lamas | William W. Rockhill |
| History of American Music | Louis C. Elson |
| Life of John A. Andrew. 2 vs. | Henry G. Pearson |
| Parliament, Past and Present. 2 vs. | A. Wright and P. Smith |
| Connecticut as a Colony and as a State. 2 vs. | Forrest Morgan |
| Autobiography of Herbert Spencer. 2 vs. | |
| Illustration of the Book of Job | William Blake |
| Library of Literary Criticism | Charles W. Moulton, Ed. |
| Korea | Angus Hamilton |
| Le Costume Ancien et Moderne ou Histoire. 4 vs. | Jules Ferrario |
| American Small Arms | Edward S. Farrow |
| American Renaissance | Joy Wheeler Dow |
| Through the Lands of the Serb | Mary C. Durham |
| Early Connecticut Marriages | Fred W. Bailey, Ed. |
| Compendium of Drawing. 2 vs. | |
| Census of Colony of Rhode Island | John R. Bartlett, comp. |
| Kelloggs in the Old World and the New. 3 vs. | Timothy Hopkins |
| Early Schools and School Books of New England | George Emery Littlefield |
| Bible in Spain. Extra illustrated. 3 vs. | George Borrow |
| Zincali. 2 vs. Extra illustrated | George Borrow |
| Adolescence. 2 vs. | G. Stanley Hall |
| Home and Garden | Gertrude Jekyll |
| Wood and Garden | Gertrude Jekyll |
| Dekorative Vorbilder | Julius Hoffmann, Ed. |

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|--|----------------------------------|
| Life of General Nathan Bedford Forrest | John Allau Wyeth |
| Story of a Soldier's Life | Viscount Wolseley |
| Old Silver Work | J. C. Gardner, Ed. |
| Social England | H. D. Traill and J. S. Mann, Ed. |
| Atlas Larousse Illustré | |
| Half Hours with the Best Composers. 11 vs. | Karl Klauser, Ed. |
| York Deeds | Maine Historical Society |
| Chronological Record of Engagements of the Great Civil War | |
| | Charles R. Cooper |
| Practical Treatise on Weaving | George White |
| Wynkoop Genealogy | Richard Wynkoop |
| Fourth Gospel | James Drummond |
| Historians' History of the World. 13 vs. | Henry S. Williams |
| Life of the Marquis of Dalhousie. 2 vs. | William Lee-Warner |
| American Natural History | William T. Hornaday |
| Medical Register of North America | R. L. Polk & Co, pub. |
| Perfumes and Their Preparation | George William Askinson |
| Notes from a Diary. 2 vs. | E. Grant Duff |
| Digest of Early Connecticut Probate Records | |
| | Charles W. Mainwaring, comp. |
| Story of New Zealand | Frank Parsons |
| Italian Architecture | Camillo Salvatore, comp. |
| English Gothic Architecture | Horace Dan, comp. |
| Renaissance Architecture | Andrew N. Prentice |
| Whistler As I Knew Him | Mortimer Menpes |
| Materia Medica, Pharmacology, and Therapeutics | |
| | Charles D. F. Phillips |
| Russian Affairs. | Geoffrey Drage |
| Farmer's Cyclopedia of Agriculture | E. V. Wilcox and C. B. Smith |
| Holland | Beatrix Jungman |
| American Authors | P. K. Foley |
| Library of Valuable Information. 25 vs. | |
| Index to Poetry and Recitations | Edith Granger, Ed. |
| Narragansett Bay | Edgar M. Bacon |
| History of American Steam Navigation | John H. Morrison |
| Blind Love. Cornhill Press | Lawrence Housman |
| Ailes d'Alouvette. Daniels Press | F. W. Bourdillon |
| Of the Friendship of Amis and Amile. Kelmascott | |
| | William Morris, trans. |
| Poems and Sonnets. Vale Press | Henry Constable |
| Poems from the Hesperides. Elston Press | Robert Herrick |
| American Sheaves. Essex House Press | C. R. Ashbee |
| Hamlin Family | H. F. Andrews |

- North American Lepidoptera. 27 sphingidae plates
J. Weidemeyer and others, pubs.
- Atlas of Massachusetts O. W. Walker, comp.
- Baker's Book. 2 vs. Emile Braum
- Sonnets of Shakespeare. Roycroft Press William Shakespeare
- Journey in the Seaboard Slave States. 2 vs. Fred. Law Olmstead
- Cummings Genealogy A. O. Cummins, comp.
- New England Primer
- Lands of Rhode Island Sidney S. Rider
- Autobiography of Moncure D. Conway. 2 vs.
- Writings of Samuel Adams
- Irish Literature. 9 vs. Justin McCarthy
- American Nation. A history Albert B. Hart, Ed.
- Road in Tuscany. 2 vs. Maurice Hewlett
- Geschichte der Kunst Karl Woermann
- Examples of the Art of Book Illumination Bernard Quaritch
- Letters to Charles Eliot Norton. 2 vs. John Ruskin
- War Between the United States and Mexico Carl Nebel
- History of the Standard Oil Company. 2 vs. Ida M. Tarbell
- Portraits of the Seventeenth Century. 2 vs. C. A. Sainte-Beuve
- Porcelain Edward Dillon
- Luca and Andrea Della Robbia Maud Cruttwell
- Quebec A. B. Routhier
- Oriental Rug Book Mary C. Ripley
- Lace Book N. Hudson Moore
- History of Ancient Wethersfield, Connecticut. 2 vs. Henry R. Stiles, Ed.
- Library of Ancient and Modern Literature. 20 vs. Harry T. Peck and others
- Gosnold Mills Corporation. Records, stock ledger, and index

APPENDIX E.

BOUND VOLUMES OF MAGAZINES NEEDED TO COMPLETE SETS.

[The Library would be glad to receive by gift or purchase any of the volumes mentioned below.]

- Academy. Vols. 1, 2, 4
- American Almanac and Repository for Useful Knowledge. Vol. 14
- American Annual Register. Vol. 8
- American Architect and Building News. International Edition.
Vols. 49, 51-78
- American Church Review. Vols. 1, 5
- American Eclectic. Vols. 3, 4
- American Journal of Psychology. Vols. 1-10
- [American] Methodist Magazine. Vols. 1-11, 15, 21, 22
- American Statistical Association Publications. Vols. 1-5
- Architectural Record. Vols. 1-12
- Argosy. Vols. 1-16, 53-62
- Art Journal. Vols. 45, 48
- Baptist Quarterly. Vol. 7
- Belgravia. Vols. 11-48, 73-78, 86-88, 99
- Bentley's Miscellany. Vols. 1, 2, 4, 5, 7-64
- Biblical World. Vols. 1-6, 11-14
- British Almanac Companion. 1872-1891
- British Quarterly Review. Vols. 21-52
- Brush and Pencil. Vols. 1, 2
- Catholic World. Vols. 1-7, 26
- Charities. Vols. 1-5
- Charities Review. Vols. 1-5
- Chautauquan. Vols. 1-3
- Christian Disciple. II. Vol. 5. (1823)
- Christian Observer. Vols. 4-9, 27-77
- Christian Quarterly Spectator. Vol. 1
- Citizen. Vols. 3, 4
- [Colburn's] New Monthly Magazine. 148-171
- Cosmopolitan. Vol. 1
- Critic. Vols. 1-13. Being 1-3 old ser. and 1-10 new ser.

- Democratic Review. Vols. 4, 32-38, 40-42
 Dial. (Bost). Vol. 1
 Dial. (Chic). Vols. 1-19
 Dublin Review. Oct., 1899. Title and index to Vols. 125, 127
 Dublin University Magazine. Vols. 1-78, 88
 Eclectic Magazine. 10-63; 64-127, 130-131, (being second series 1-64, 67-68); 132-to date, (being 3rd ser. 1-to date)
 Economic Review. Vols. 8, 9, +
 Edinburgh Review. Vol. 76
 Education. Vols. 1-22
 English Illustrated Magazine. Vol. 11
 Every Saturday. Vol. 11
 Everybody's Magazine. Vols. 1-7
 Foreign Quarterly Review. Vols. 1-13
 Fraser's Magazine. Vols. 1-67
 Galaxy. Vols. 1-6, 25
 Godey's Lady's Book. Whole set
 Good Words. Vols. 41-48
 Historical Magazine. Irving number extra of Vol. 3; vol. 8; title and index to v. 20; pt. of vol. 23
 Hogg's Instructor. II. Vols. 1-9. (1848-1853)
 Hunt's Merchant's Magazine. Vols. 49, 61
 Journal of American Folk Lore. Vols. 1-15
 Journal of the Franklin Institute. Vol. 113
 Leisure Hour. Vol. 3
 Literary and Theological Review. Vols. 2-4, 6
 Literary World. Vols. 1-4, (pt. of 23)
 Literature. (Lond). Vol. 4. +
 Magazine of American History. Vol. 30, No. 4, +. Title and index to vol. 30
 Magazine of Western History. All with exception of Vol. 4, No. 1
 Municipal Affairs. Vol. 2-6, No. 3
 Munsey's Magazine. Vols. 6-9, 15
 Narragansett Historical Register. Vol. 9
 National Geographic Magazine. Vols. 1-13
 National Quarterly Review. 1-34, (37 [pts. of]) (39 [pts. of]), 40, 41
 National Review. (1855-64). Vols. 14-19
 National Review. (1883-1899). Vols. 1-13, 24-28
 Nature. Vol. 35
 New Bedford Mercury. Aug. 14, 1807, and Oct. 9, 1807
 New England Magazine. Bost. Vols. 8, 9. (1835)
 New Englander. Vol. 9
 New World. Vols. 1-4, 7, 8, +

New York Review. Vol. 10
 Outing. Vols. 1, 3, 31
 Outlook. Vols. 48-50
 Overland Monthly. Vols. 1-7. (1868—)
 Pall Mall Magazine. Vols. 23-28
 Pedagogical Seminary. Vol. 9, +
 Pennsylvania Magazine of History and Biography. Vols. 11-18
 Penny Magazine. Vols. 12-14
 Poet-Lore. Vols. 1-7, 10, 11, +
 Popular Science Review. Vol. 10
 Portfolio. [Dennie's]. Vols. 23-34
 Practical Magazine. Vols. 3-7
 Presbyterian and Reformed Review. Vols. 1-6, 9, 10
 Putnam's Monthly Magazine. Vol. 16
 Quarterly Review. 65 and the following index vols. 40, 60, 80, 100,
 121, 140, 160, 181
 Saturday Review. Vol. 40
 Science. Vols. 9-23. (1887-1894). N. S. Vols. 1-4
 Scottish Review. Vols. 1-28
 Social Economist. Vols. 1-3, 9
 Southern Quarterly Review. I. Vols. 1-16. (1842-1850)
 Spectator. Vols. 1-44
 Studio, International. Vols. 1-14
 Sunday Magazine. Vols. 1-10, 11-24, 29-31
 Temple Bar. Vols. 1-34, 49-54, 79-96
 Westminster Review. Vols. 29, 30
 Writer. Vols. 11, 12, +

APPENDIX F.

REFERENCE LISTS SINCE 1896.

All of these lists may be consulted at the Library at any time.
 Some of the old lists may be obtained by application at the desk.

REFERENCE LISTS.

- | | |
|----------------------|----------------------|
| 1896 | 34. Gladstone |
| 1. Munroe Doctrine | 35. Spain |
| 2. Armenian Question | 36. Philippines |
| 3. Abraham Lincoln | 37. Thanksgiving Day |

- | | |
|--|---|
| 4. Kindergarten | 38. Hawaii. See 25 |
| 5. Cuba | 39. Spanish American War |
| 6. Venezuela | |
| 7. Memorial Day | 1899 |
| 8. Nicaragua | 40. Photography |
| 9. Whittier | 41. Ruth McNery Stuart |
| 10. New England Summer
Resorts | 42. Painting |
| 11. H. B. Stowe | 43. Fine Arts |
| 12. Money Question | 44. Fine Arts |
| 13. Education | 45. Sports |
| 14. Shakespeare | 46. South Africa |
| 15. Municipal Government | |
| 16. Christmas | 1900 |
| | 50. Art Photographs, Italian |
| 1897 | 51. Art Photographs, Italian |
| 17. Electricity | 52. Art Photographs, Italian |
| 18. William Morris | 53. Art Photographs, Italian |
| 19. W. H. Gibson | 54. China. See 29 |
| 20. Natural Sciences | 55. Birds |
| 21. Greece, Crete, etc. | 1901 |
| 22. H. W. Longfellow | 56. Arts and Crafts |
| 23. O. W. Holmes | 57. King Alfred the Great |
| 24. State and Municipal
Ownership | 58. Whaling Industry |
| 24. Governor Bradford and
Plymouth Colony | 1902 |
| 25. Alaska | 59. Cotton Industry, Textiles
and Textile Industries |
| 25. Hawaii | 60. Genealogies, Family His-
tories, Heraldry, etc. |
| 26. Tennyson | 61. Crowns and Coronations |
| 27. Dante | |
| 1898 | 1903 |
| 28. Japan | 62. List of Local Histories
—New England States |
| 29. China. See 54 | |
| 30. Books for Younger Readers | 1904 |
| 31. Books for Younger Readers | Short reading lists on a variety of
subjects. |
| 32. Books for Younger Readers | |
| 33. Books for Younger Readers | |

Short unnumbered reading lists on Wm. McKinley ; Theodore Roosevelt ; John Fiske ; Victor Hugo ; Labor, Arbitration, and Strikes ; Gosnold and the Island of Cuttyhunk.

APPENDIX G.

Gifts — 1904

	VOLS.	PMS.
Acushnet, Town of.....		8
Alaska Packers Association, San Francisco, Cal.....	1	
Allen, Charles R., New Bedford.....		1
Allen, Walter S., New Bedford..... 5 maps	1	15
Alley, Ernest V., New Bedford.....		1
American Anti-Vivisection Society, Philadelphia, Pa....		1
American Congregational Association, Boston.....		1
American Cotton Manufacturers Association.....		
Charlotte, N. C.....		2
American Motor League, New York, N. Y....		1
American School of Correspondence, Armour Institute... Chicago, Ill.....		1
American Unitarian Association, Boston..... 2 sheets		2
Amherst College, Amherst.....		2
Andover Theological Seminary, Andover.....		1
Anonymous.....	1	
Anthony, E. & Sons, New Bedford.....	7	4
Armstrong Association, The, New York, N. Y.....	1	
Army Corps Society, Louisville, Ky.....		1
Ashley, Mrs. W. A., Long Plain.....	Portrait	
Atlas Tack Company, Fairhaven.....		1
Balch, Edwin Swift, Philadelphia, Pa.....	1	
Bates College, Lewiston, Me.....		2
Baylor University, Waco, Tex.....		1
Bedloe, Miss Lucy C., New Bedford.....		1
Benton's Business School, New Bedford.....		3
Bogie, Charles, New Bedford.....	7	114
Boston, City of.....	2	
Boston Book Company, Boston.....		4
Boston Port and Seaman's Aid Society, Boston.....		1
Boston Society of Natural History, Boston.....		1
Bowdoin College, Brunswick, Me.....		2
Bridge, James Howard, New York, N. Y.....	1	

Brockton, City of.....	1	1
Brown University, Providence, R. I.....	1	1
Brunton, Rev. William, Fairhaven	11	
Buckner, William T., Wichita, Kans.....	1	
Bunker Hill Monument Association, Boston	1	
Butler Hospital, Providence, R. I.....	1	
California Promotion Committee, The, San Francisco, Cal.	3	
Carvalho, David N., New York, N. Y..... 4 sheets		
Charles River Iron Works, Cambridge.....	1	
Chicago, Ill., City of.....	2	
Chicago and North Western Railway, Chicago, Ill.....	5	
Chickering & Sons, Boston	1	
Church Library Association, Cambridge.....	1	
Cleveland, Ohio, City of.....	1	
Colby College, Waterville, Me	1	
Connecticut, State of.....	1	
Cornell University, Ithaca, N. Y.....	8	
Crisp, Frederick Arthur, London, Eng.....	1	
Cushman, Herbert E., New Bedford	1	
Dana Hall School, Wellesley	1	
Davis, Henry R., Providence, R. I	1	
Delano, Miss Julia, New Bedford..... Maps and charts		
Denham, Edward, New Bedford	50	20
De Pamo University, Greencastle, Ind.....		1
Drexel Institute of Art, Science, and Industry.....		
Philadelphia, Pa.....	1	
Dwinell-Wright Company, Boston	1	
Egypt Exploration Fund	2	
Elder, Paul, & Company, San Francisco, Cal.....	1	
Eliot, Miss Ida M., New Bedford	1	
Fairbanks Company, The, Boston	1	
Fairhaven, Town of.....	2	
Fairhaven Iron Foundry, Fairhaven	2	
Field Columbian Museum, Chicago, Ill.....	5	14
First Church of Christ, Scientist, New Bedford.....	1	
Fitchburg, City of	1	
Free Library Commission of Wisconsin, Madison, Wis...	1	
Frothingham, Rev. P. R., Boston	1	
Galveston Tribune, Galveston, Tex	Newspaper	
General Society of Mechanics and Tradesmen		
New York, N. Y.....	1	
German Branch of Socialist Club, New Bedford	1	
Gifford, Harry E., New Bedford.....	1	

Gifford, William L. R., Cambridge	1	22
Goodspeed, Alexander McL., New Bedford.....	1	1
Gordon, Rev. Percy, New Bedford.....		1
Gould System, General Agent of, San Francisco, Cal....		2
Grand Island College, Grand Island, Neb.....		4
Green, E. H. R., Terrell, Tex.....	1	
Green, Dr. Samuel A., Boston		1
Green, Samuel S., Worcester.....		1
Hammersmark Publishing Co., The, Chicago, Ill.....	1	1
Hampton Normal and Agricultural Institute		
Hampton, Va.....		1
Hargraves, George H., New Bedford.....		5
Harrison, Carter H., Chicago, Ill.....	1	
Hartford Theological Seminary, Hartford, Conn.....		1
Harvard University, Cambridge	3	
Haskell, Edward S., New Bedford		10
Haskins, Charles Nelson, New Bedford		2
Hill, (W. S.) Electric Co., New Bedford.....	2	
Howland, John J., New Bedford	1	
Hutchinson, H. S. & Co, New Bedford.....	1	
Indian Rights Association, Philadelphia, Pa.....		2
Ingraham, Andrew, Cambridge.....		1
International Catholic Truth Society, Brooklyn, N. Y....		1
Interstate Commerce Commission, Washington, D. C....	1	
Iowa College, Grinnell, Iowa.....		13
Jewish Publication Society of America, Philadelphia, Pa.	1	
[Kansas] State Normal School, Emporia, Kan.....		1
Kingman Gilbert D., New Bedford.....	Newspaper	
Kinhow, Chu, Shanghai, China	1	
Krenmajor, Joseph, New Bedford	1	
Lake Mohonk Arbitration Conference.....		1
Lawrence Academy, Groton.....		1
Lega-Weekes, Miss Ethel, London, Eng ..		1
Leland Stanford Junior University, Stanford University, Cal.....		2

Libraries :

(Reports, Bulletins, or similar publications have been received
from the following libraries.)

Albany, N. Y., New York State Library
Attleboro, Public Library
Baltimore, Md., Enoch Pratt Free Library

Boston, General Theological Library
Boston, Public Library
Bradford, Eng., Public Free Library
Bradford, Pa., Carnegie Public Library
Brockton, Public Library
Brookline, Public Library
Brooklyn, N. Y. Public Library
Buffalo, N. Y. Public Library
Burlington, Iowa, Free Public Library
Burlington, Vt., Fletcher Free Library
Cambridge Public Library
Cambridge, Harvard University Library
Canton, Public Library
Carlisle, Pa., J. Herman Bosler Memorial Library
Chelsea, Fitz Public Library
Chicago, Ill., John Crerar Library
Chicago, Ill. Public Library
Cleveland, O. Public Library
Clinton, Bigelow Free Public Library
Dayton, O., Public Library and Museum
Denver, Col., Public Library
Detroit, Mich., Public Library
Dover, N. H. Public Library
Everett, Shute Memorial Library
Fairhaven, Millicent Library.
Fitchburg, Public Library
Germantown, Pa., Friend's Free Library and Reading Room
Groton, Public Library
Hartford, Conn., Public Library
Haverhill, Public Library
Helena, Mon., Public Library
Hopedale, Bancroft Memorial Library
Jersey City, N. J., Free Public Library
Lawrence, Free Public Library
Leominster, Public Library
Lincoln, Neb., City Library
Los Angeles, Cal., Public Library
Lynn, Public Library
Madison, N. J., Drew Theological Seminary Library
Malden, Public Library
Marblehead, Abbot Public Library
Milwaukee, Wis., Public Library
Minneapolis, Minn., Public Library

Monmouth, Ill., Warren County Library		
New Haven, Conn., Free Public Library		
New Haven, Conn., Yale College Library		
New Orleans, La., Public Library		
New York, N. Y., Mercantile Library of New York		
New York, N. Y., Public Library		
Newark, N. J., Free Public Library		
Newton, Free Library		
Paterson, N. J., Free Public Library		
Pawtucket, R. I., Deborah Cook Sayles Public Library		
Philadelphia, Pa., Apprentices' Library Company		
Philadelphia, Pa., City Institute		
Philadelphia, Pa., Free Library of Philadelphia		
Philadelphia, Pa., Library Company of Philadelphia		
Pittsburgh, Pa., Carnegie Library		
Portland, Me., Public Library		
Poughkeepsie, N. Y., Adriance Memorial Library		
Providence, R. I., Athenæum		
Providence, R. I., Public Library		
St. Louis, Mo., Mercantile Library Association		
St. Louis, Mo., Public Library		
Salem, Public Library		
San Francisco, Cal., Public Library		
Scranton, Pa., Public Library		
Somerville, Public Library		
Springfield, City Library		
Syracuse, N. Y., Public Library		
Tacoma, Wash., Public Library		
Taunton, Public Library		
Trenton, N. J., New Jersey State Library		
Waltham, Public Library		
Washington, D. C., Army War College Library		
Washington, D. C., Library of Congress		
Washington, D. C., Library of the Surgeon-General's Office, U. S. Army		
Wilmington, Del., Institute Free Library		
Worcester, Public Library		
Library Bureau, Boston	1	
Library Commissioners of Vermont, Board of		1
Lowell, J. Paul, Minneapolis, Minn.....	1	
Ludlow, Henry H., Angel Island, Cal.....		1
McAfee, Miss Ida A., New Bedford		1

Macmillan Company, The, New York, N. Y.....	1	
Massachusetts, Commonwealth of	32	4
Massachusetts Civil Service Reform Auxiliary, Boston...		14
Massachusetts Cremation Society.....		1
Massachusetts Free Public Library Commission		1
Massachusetts General Hospital, Boston	1	1
Massachusetts Institute of Technology, Boston.....	1	
Massachusetts School for the Feeble Minded, Waltham..		1
Massachusetts State Normal School, Westfield		1
Massachusetts Total Abstinence Society, Boston		1
Medford Historical Society, Medford		2
Merrick, Miss Josephine A., New Bedford.....	1	
Michigan Library Association		1
Michigan State Board of Library Commissioners, Lan- sing, Mich		1
Middleboro, Town of.....		29
Millicent Library, Fairhaven.....	6	
Missouri Commission, Louisiana Purchase Exposition ...	1	
Morris, John D. & Company, Philadelphia, Pa.....	1	
Mosher School, New Bedford.....		1
Mt. Holyoke College. South Hadley.....		1
Museum of Fine Arts, Boston	5	6
Mutual Life Insurance Company of New York.....	1	
National Academy of Sciences, Washington, D. C.....		1
National Civil Service Reform League.....	-	1
National Educational Association, Winona, Minn.....		1
National Woman's Christian Temperance Union Conven- tion, Cincinnati, O.....		1
New Bedford, City of.....	21	6
New Bedford Bar Association.....	1	
New Bedford Book Club	2	
New Bedford Evening Standard	12	
New Bedford Post Office		1
New Bedford Textile School.....		2
New Jersey, State of	2	
New York, N. Y., City of		1
New York, State of	4	
New York Civil Service Reform Association.....		
New York, N. Y.....		1
New York Farmers, The, New York, N. Y.....		1
Newburgh, N. Y., City of		1
Northampton Insane Hospital, Northampton		1
Nye, William F., New Bedford.....	1	
Ohio State Board of Commerce, Columbus, O.....		1

Ojeda, Luis Thayer, Chile, S. A.....	1	
Osborn, Albert S., Rochester, N. Y. 4 photographs		
Pairpoint Corporation, The, New Bedford.....	1	
Peabody Institute, Baltimore, Md.....	1	
Pennsylvania Museum, School of Industrial Art, Philadelphia, Pa.....	1	
Pennsylvania Prison Society, Philadelphia, Pa.....	1	
Philippine Civil Service Board.....	2	
Philippine Independence Committee, New York, N. Y....	1	
Phillips, Samuel L., Washington, D. C.....	1	
Phillips Exeter Academy, Exeter, N. Y.....	1	2
Pillsbury, Albert E., Boston.....		1
Pitman, Francis C., Newton.....	2	
Potter, Alfred J.,.....	49	236
Prevost, M. D., New Bedford.....	1	
Princeton University, Princeton, N. J.....	2	
Queripel, Mrs. Annie W., New Bedford.....		1
Rex Monnmental Works, New Bedford.....		1
Rhode Island School of Design, Providence, R. I.....		1
Royal Society of Canada, Ottawa, Canada.....	2	
Saint Luke's Hospital, New Bedford.....		1
Sanford, Gardner T., New Bedford.....	10	
Sayer, William L., New Bedford..... Photograph.	38	27
Sayles, Frederic Clark, Family of the late.....	1	
Siamese Royal Commission, Louisiana Purchase Exposition.....	1	
Simmons College, Boston.....		1
Skinner, Charles R., Albany, N. Y.....	1	
Smithsonian Institution, Washington, D. C.....	8	14
Soldiers' Home in Massachusetts, Chelsea.....		1
Spare, Mr. John V., New Bedford.....	1	
Stanton, Irving G., New Bedford.....	18	13
Storey, Moorfield, Boston.....		1
Sutro, Theodore, New York, N. Y.....		2
Swain Free School, New Bedford.....		29
Tabor Academy, Marion.....		1
Taylor, Gen. Charles H., (Boston)..... Circular		
Tripp, George H., Physiological Manikin	5	80
Trustees of [Mass.] Public Reservations, Boston.....		1
Tucker, Dr. Edward T., New Bedford..... 6 Old Bills		3
United States Government :		
Agriculture, Department of.....	6	269
Civil Service Commission.....	1	1

Commerce and Labor, Department of	11	16
Commissioner of Education for Porto Rico	1	
Congress	257	5
Court of Claims	1	
Interior, Department of Atlases, 15. Maps, 103	15	34
Navy Department	2	1
Superintendent of Documents	2	13
Treasury Department	11	7
War Department		1
University of California, Berkeley, Cal		1
University of Chicago, Chicago, Ill	2	
University of Colorado, Boulder, Col	1	
University of Illinois, Urbana, Ill	1	1
University of Nebraska, Lincoln, Neb	1	
University of Oregon, Eugene, Oregon		1
University of Pennsylvania, Philadelphia, Pa	3	3
University of Vermont and State Agricultural College, Burlington, Vt		1
University of Wisconsin, Madison, Wis		1
Unknown	4	2
Van Duzer, C. D , Washington, D. C		1
Vierth, Frank, Cedar Rapids, Ia		3
Volta Bureau, Washington, D. C		1
Wady, George H., New Bedford	2	
Walmsley, Herbert E., New Bedford		1
Wareham, Town of		29
Welcker, Adair, San Francisco, Cal	1	
Westport, Town of		16
Wing, Charles F., New Bedford		1
Wisconsin Free Library Commission, Madison, Wis		1
Wright, John A., New Bedford		1
Wheaton, Hiram & Sons, New Bedford		1
Woman's Auxiliary to the Civil Service Reform Associa- tion, New York, N. Y		6
Worth, Henry B., New Bedford		2
Yale University, New Haven, Conn	3	

PERIODICALS, ETC.

- American Anti-Vivisection Society. *Journal of Zoöphily*. Philadelphia, Pa., 1904.
- American Federation of Labor. *Weekly People*. New York, N. Y., 1904.
- American Museum of Natural History. *American Museum Journal*. New York, N. Y., 1904.
- American Peace Society. *The Advocate of Peace*. Boston, 1904.
- Bobbs-Merrill Company, The. *The Reader Magazine*. Indianapolis, Ind., 1904.
- Buddhasasana Samagama. *Buddhism*. Rangoon, Burma, 1904.
- Catholic Union Publishing Company. *The Catholic Union*. New Bedford, 1904.
- Christian Science Publishing Society. *The Christian Science Journal*. Boston, 1904.
- Christian Science Sentinel. Boston, 1904.
- Cook, Thomas & Son. *Cook's American Traveller's Gazette*. New York, N. Y., 1904.
- Engineer Publishing Company. *The Engineer*. Chicago, Ill., 1904.
- Evening Gazette Company, The. *Saturday Evening Gazette*. Bost., 1904.
- Grand Island College. *The Volants*. Grand Island, Neb., 1904.
- Holy Cross College. *The Holy Cross Purple*. Worcester, 1904.
- Iowa College. *News Letter*. Grinnell, Iowa, 1904.
- Johns Hopkins University. *Circulars*. Baltimore, Md., 1904.
- Kupfer, George A., publisher. *The Guide*. West Fresno, Cal., 1904.
- Mosher's Home Preparatory School. *The Owl*. New Bedford, 1904.
- Music Teachers' National Association. *The Messenger*. Wellesley Hills, 1904.
- National Civil Service Reform League. *Good Government*. New York, N. Y., 1904.
- National Executive Committee, Socialist Labor Party. *The People*. New York, N. Y., 1904.
- National Indian Association, The. *The Indian's Friend*. New Haven, Conn., 1904.
- New Bedford High School. *The Argus*. New Bedford, 1904.
- Oliver Ditson Company. *The Musician*. Boston, 1904.
- Order of the Golden Age. *Herald of the Golden Age*. Paignton, Eng., 1904.
- Providence Board of Trade. *Journal*. Providence, R. I., 1904.

Publishers :

- O Arauto. Oakland, Cal., 1904.
 Chicago Banker. Chicago, Ill., 1904.
 Dog Fancier. Battle Creek, Mich., 1904.
 Primitive Methodist Journal. Fall River, 1904.
 Salvation. New York, N. Y., 1904.
 Sunday Times, The. New Bedford, 1904.
 Universalist Leader. Boston, 1904.
 Worker. New York, N. Y., 1904.
- Reform Club, Sound Currency Committee. Sound Currency. New York, N. Y., 1904.
- Reorganized Church of Jesus Christ of Latter Day Saints. Autumn Leaves. Lamoni, Ia., 1904.
 Saints' Herald. Lamoni, Ia., 1904.
- Research Publishing Company, The. The Genealogical Bulletin. Boston, 1904.
- Seaman's Friend Society. The Sea Breeze. Boston, 1904.
- Socialist Labor Party. Weekly People. New York, N. Y., 1904.
- Taber, Silas S., New Bedford. The Public. Chicago, Ill., 1904.
- Travelers' Insurance Company. Travelers' Record. Hartford, Conn., 1904.
- Tuskegee Institute. The Tuskegee Student. Tuskegee Institute, Ala., 1904.
- United States Government, Bureau of Labor. Bulletin. Washington, D. C., 1904.
 Congress. Congressional Record. Washington, D. C., 1904
 Patent Office. Official Gazette. Washington, D. C., 1904.
- Worcester Board of Trade. Worcester Magazine. Worcester, 1904.
- Young Men's Christian Associations, Mass. and R. I. Two states. Boston, 1904.

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
February 9, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

WM. S. COOK, Ass't City Clerk.

IN COMMON COUNCIL,
February 9, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT. — No. 5.

ANNUAL REPORT
OF THE
CHIEF ENGINEER
OF THE
FIRE DEPARTMENT



OF THE CITY OF NEW BEDFORD

FOR THE YEAR ENDING
DECEMBER 31, 1904.

EDWARD F. DAHILL, CHIEF ENGINEER.

**COMMITTEE
OF THE CITY COUNCIL
ON
FIRE DEPARTMENT.**

1904.

ALDERMEN,

GEORGE H. HEDGE,
Residence, 136 Clinton Street

DR. L. Z. NORMANDIN,
Residence, 584 Purchase Street.

COUNCILMEN,

FRANCIS P. WASHBURN,
Residence, Mill Road.

L. T. WOOLFENDEN,
Residence, 809 County Street.

FRANCIS W. HAMMOND,
Residence, 70 North Street.

BOARD OF ENGINEERS.

CHIEF ENGINEER,
EDWARD F. DAHILL,
Residence, 762 County Street.

FIRST ASSISTANT ENGINEER,
JAMES J. DONAGHY,
Residence, 83 Washington Street.

SECOND ASSISTANT ENGINEER,
WILLIAM E. WATSON, JR.,
Residence, cor. Fourth and School Sts.

THIRD ASSISTANT ENGINEER,
WILLIAM A. GIBBS,
Residence, 181 Fourth Street.

FOURTH ASSISTANT ENGINEER,
ROBERT WOOLFENDEN, JR.,
Residence, 399 Pleasant Street.

CLERK,
JOSEPH P. KENNEDY,
Residence, 15 Sherman Street.

**CAPTAINS
IN CHARGE OF STATIONS.**

**REPAIR SHOP, BEDFORD STREET,
DANIEL D. BRIGGS (Master Mechanic)
Appointed March 27, 1889.**

**STATION NUMBER ONE,
JAMES L. HASKINS,
Appointed April 1, 1897.**

**STATION NUMBER TWO,
LORING T. PARLOW,
Appointed July 1, 1895.**

**STATION NUMBER FOUR,
CHARLES S. WING,
Appointed April 1, 1897.**

**STATION NUMBER FIVE,
THOMAS H. FORBES,
Appointed April 1, 1897.**

**STATION NUMBER SIX,
JOHN W. DONAGHY,
Appointed April 1, 1897.**

**STATION NUMBER SEVEN,
MAURICE C. DAHILL,
Appointed April 1, 1897.**

**STATION NUMBER EIGHT,
GEORGE H. COOK,
Appointed April 1, 1897.**

**STATION NUMBER TEN,
REUBEN TABER,
Appointed April 1, 1897.**

ASSISTANT MASTER MECHANIC,

GEORGE H. PARKER,

Appointed Jan. 25, 1890.

Residence, 40 Parker Street.

DEPARTMENT ENGINEER,

JOSEPH L. CROWLEY,

Appointed May 10, 1904.

Residence, 252 Chestnut Street.

DEPARTMENT DRIVERS,

GEORGE S. ALLEN,

Appointed Dec. 5, 1887.

Residence, 297 Acushnet Avenue.

FRANK A. LEWIS,

Appointed May 17, 1895.

Residence, 208 Kempton Street.

AMBROSE F. MERCHANT,

Appointed Aug. 9, 1904.

Residence, 34 Durfee Street.

DEPARTMENT LINEMAN,

WILLIAM CURTIS,

Appointed Oct. 28, 1893.

Residence, 43 Wing Street.

REPORT.

HEADQUARTERS FIRE DEPARTMENT,
OFFICE OF CHIEF ENGINEER,
CITY HALL,

December 31, 1904.

To the Honorable the City Council:

GENTLEMEN: — In compliance with the provisions of Section 7, Chapter 11, of the Ordinances of the City, I have the honor of herewith submitting for your consideration the annual report of the organization, condition and operations of the Fire Department during the year 1904, together with such recommendations as I at this time deem necessary.

ORGANIZATION.

The department consists of

- 8 Engine Companies,
- 1 Combination Chemical and Hose Company,
- 1 Hose Company,
- 3 Hook and Ladder Companies,
- 1 Protecting Society.

FIRE DEPARTMENT.**MANUAL FORCE.**

Two hundred and twenty-six men, forty-four permanent and one hundred and eighty-two call men, comprise the manual force of this department, no increase having been made during the year.

FIRE STATIONS.

There are eight brick and one frame fire stations in good repair, necessitating no immediate large outlay. The Number Three Station, corner Kempton and Reed streets, is nearly completed, and will soon be ready for its equipment. I would recommend that this new station be equipped with the following apparatus: A steam fire engine and hose wagon and a hook and ladder truck; that Number Two engine and wagon be transferred from its present quarters to the new station, and that an up-to-date combination chemical and hose wagon be purchased to replace Number Two engine and wagon. Engines Four and Five can easily cover all the territory now covered by Engine Two, while the usefulness of a combination chemical and hose wagon in the business district and the necessities for an engine at the western part of the city, where the elevation is high and water pressure low, are obvious.

APPARATUS.

The apparatus consists of

- 5 Second Size Amoskeag Steam Fire Engines,
- 3 Second Size La France Steam Fire Engines,
- 1 Hand Engine,
- 8 Hose Wagons,
- 3 Hose Reels,
- 1 Combination Chemical,

3 Hayes' Aerial Ladder Trucks,
1 Ryan Truck (in reserve),
9 Exercise and Coal Wagons,
2 Fire Alarm Wagons.

All apparatus in service is in good condition, except the combination chemical. This piece of apparatus has responded to nearly all alarms of fire since 1895, and should be rebuilt this year.

HORSES.

There are forty-five horses belonging to this department, the majority of them in good condition. It may be necessary to replace some during the coming year.

HARNESSES.

There are five sets of harnesses for three-horse hitches, thirteen for two-horse and eight single harnesses, in good condition.

HOSE.

There are 18,350 feet of two and one-half inch cotton rubber-lined hose, as follows:

New, 5,900 feet.
Good, 9,900 "
Poor, 2,550 "

WATER SUPPLY.

The number of hydrants January 1, 1904, was seven hundred and eighty-eight (788); added during the year, eighteen (18); making a total of eight hundred and six (806).

There are twenty-four rerervoirs in good condition.

FIRE ALARM.

The fire alarm system is in good condition at present. The underground cables connected with the system have given some trouble during the past year, causing stray blows occasionally. This trouble has been overcome. I have purchased three junction boxes for testing purposes, and will install the same as soon as the weather permits. I have also instituted a series of weekly tests of the system that will tend to indicate any defects that may exist. Two new fire alarm boxes have been added during the year — Box 49, corner Howland and South Second streets, and Box 132, corner Acushnet avenue and Belleville road.

There are 102 fire alarm boxes, thirty-three of which are private, twelve bells and strikers, ten fifteen-inch gongs, twelve six-inch gongs, operated by a storage battery of three hundred and ten cells.

The storage battery has rendered good service for the past five years, but will have to be replaced this year.

I wish to call attention to the desirability of having every large manufacturing establishment provided with a private fire alarm box. The cost of such a box to the owners is comparatively small, while the advantage of being able to summon the department directly to the premises in case of fire is invaluable. Special apparatus is, in each case, assigned to boxes of this character, and the protection thus assured is worth many times the cost of installing the box.

I trust the time is not far distant when the transmitters, switchboards and all instruments at headquarters connected with this system can be housed in a fire-proof central station.

UNDERGROUND FIRE AND POLICE CABLES.

LAID IN 1898 AND 1899.

1,117 feet 20 wire cable
 1,088 feet 16 wire cable
 515 feet 12 wire cable
 1,316 feet 10 wire cable
 2,358 feet 9 wire cable
 2,163 feet 7 wire cable
 833 feet 6 wire cable
 3,357 feet 5 wire cable
 832 feet 4 wire cable
 835 feet 3 wire cable
 1,762 feet 2 wire cable

16,177

LAID IN 1900.

4,673 feet 6 wire cable
 6,012 feet 2 wire cable
 9,242 feet 3 wire cable

19,927

LAID IN 1902.

3,893 feet 6 wire cable
 9,498 feet 3 wire cable
 5,295 feet 2 wire cable

18,686

LAID IN 1903.

1,827 feet 2 wire cable
 400 feet 4 wire cable

2,227

Total, 57,017

FINANCIAL STATEMENT.

DR.

Appropriation,	\$86,000.00	
Receipts as per City Treasurer's reports,	<u>771.54</u>	\$86,771.54

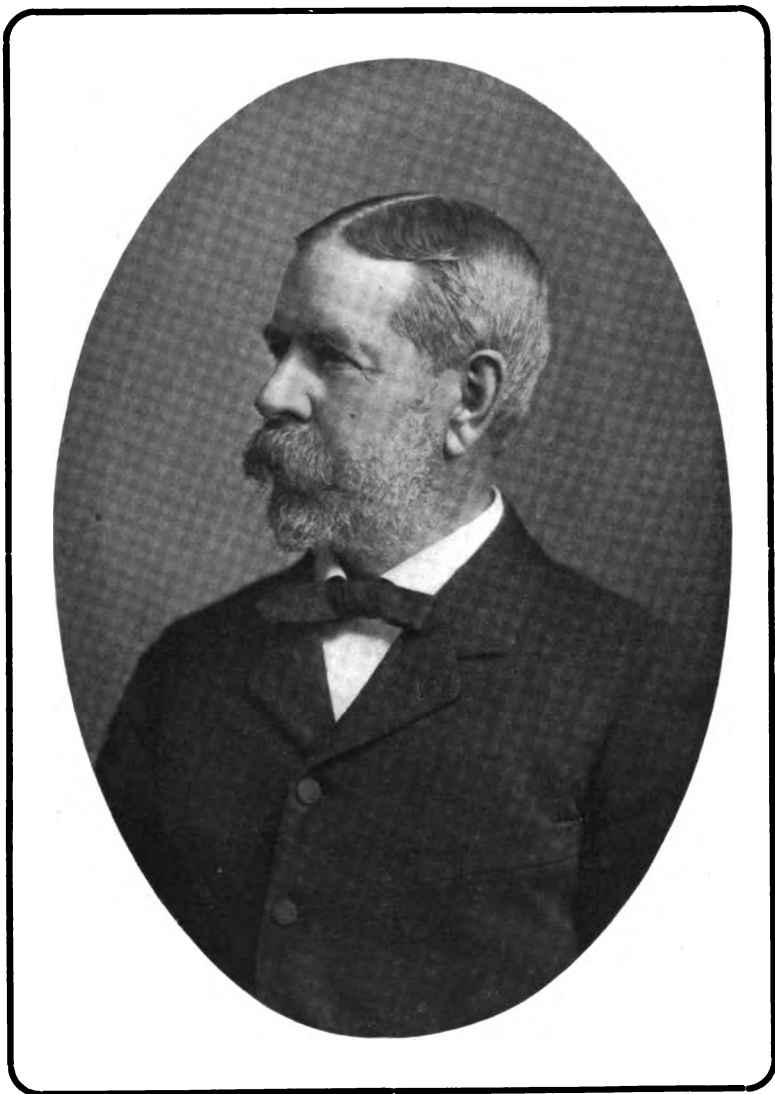
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Salaries and pay rolls,	\$89,662.72	
Horse feed and bedding,	5,952.86	
Supplies,	904.33	
Light,	783.22	
Fuel,	1,310.66	
Telephones,	487.39	
Fire alarm,	619.17	
Blacksmithing and shoeing,	1,169.28	
Engine and wagon repairs,	660.38	
Harnesses and repairs,	220.16	
Repairs of stations,	859.64	
Horses and horse hire,	1,602.50	
Hose, •	1,889.50	
Miscellaneous,	670.53	
Transfer to balance,	<u>29.20</u>	\$86,771.54

CONCLUSION.

I return sincere thanks to His Honor the Mayor and members of the City Council for their interest in this department, to my associates in the Board of Engineers for their loyal co-operation, and to the members of the department for their prompt and efficient discharge of their duties.

EDWARD F. DAHILL,
Chief Engineer.



In Memoriam

Frederick Macy,

Born October, 1834.

Elected Chief Engineer January, 1877, which position he held with credit to himself and satisfaction to the citizens until his death, June 22, 1904.

An exemplary citizen, a model public official, his many excellent traits of character won for him the highest respect and confidence of his fellow citizens and the most loyal affection of his subordinates and co-workers.

ONWARD STEAM FIRE ENGINE COMPANY, No. 1.

Located, Purchase st., foot of Franklin st. Apparatus, one 2nd class Lafrance engine, capacity, 500 gals. per minute; placed in service, Aug., 1896; one hose wagon, carrying 1,000 feet 2½ in. hose, 50 feet ¾ in. hose; 2 portable extinguishers. Company organized, Dec. 30, 1871.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
April 24, 1886	10	James L. Haskins	Captain	39	536 Purchase st.	Fireman
July 28, 1880	16	Charles H. Thomas	1st Lieut.	48	87 Locust st.	Roll coverer
July 30, 1884	13	Herbert C. Gifford	2nd Lieut.	32	75 Maxfield st.	City foreman
Jan. 28, 1873	7	Julian A. Sweet	Clerk	56	134 State st.	Roll coverer
Dec. 29, 1884	19	John Whitehead	Hoseman	60	583 Purchase st.	Mill hand
July 31, 1898	18	John Woolfenden	"	42	71 Dean st.	Jeweler
Mar. 25, 1895	6	Law'ce T. Woolfenden	"	31	809 County st.	Shoe Dealer
Mar. 30, 1896	17	Thomas Wamsley	"	35	1 Ashland st.	Grocer clerk
April 30, 1900	9	John F. Winn	"	29	24 High st.	Expressman
April 5, 1897	8	Edward L. Wilson	"	28	1 Mt. Pleasant la.	Painter
Feb. 26, 1900	15	George Palmer	"	37	12 Collins st.	Machinist
Nov. 25, 1901	12	Albert Woolfenden	"	27	97 Maxfield st.	Glass cutter
July 28, 1902	14	William F. Thomas	Substitute	38	82 Robeson st.	Roll coverer
July 25, 1904	11	Sidney Fisher	"	41	6 Franklin st.	Teamster
June 9, 1894	20	John H. Backus	Engineer	52	211 Rivet	Engineer
June 9, 1894	21	E. F. A. Cowen	Driver	55	53 Merrimac	Driver
Dec. 1, 1884	28	William H. Young	"	42	542 Purchase st.	"
June 15, 1904	22	Patrick J. Doyle	Stoker	42	144 State st.	Stoker

PROGRESS STEAM FIRE ENGINE COMPANY, No. 2.

Located, Purchase st., cor. Mechanics lane. Apparatus, one 2nd class Amoskeag engine, capacity, 500 gallons per minute; placed in service, Nov. 6, 1884; one hose wagon, carrying 1,000 feet 2½ hose, 50 feet ¾ in. hose; 2 portable extinguishers. Company organized, Oct. 27, 1860.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
April 22, 1896	33	Charles F. Johnson	Captain	46	27 Hillman st.	Carpenter
Jan. 4, 1900	27	Richard F. Burke	Lieut.	35	226 Chancery st	Laborer
Feb. 3, 1902	29	Charles H. Lawrence	"	24	171 Kempton st	Salesman
April 22, 1896	37	Charles E. Robertson	Clerk	29	238 Pleasant st.	Carpenter
Nov. 1, 1892	25	John Downey	Hoseman	67	119 N. Second st	Teamster
July 3, 1876	34	Moses Dean	"	50	203 Purchase st.	Blacksmith
July 1, 1896	35	William L. Durfee	"	31	144 Mill st.	Driver
Jan. 12, 1892	30	George W. Haskins	"	35	527 Purchase st.	Carpenter
April 1, 1901	24	Joseph S. Manning	"	24	213 Court st.	Clerk
Aug. 1, 1898	26	Alfred R. Morse, Jr.	"	31	118 High st.	Driver
Jan. 12, 1892	28	Henry A. Sherman	"	50	51 Russell st	Blacksmith
Aug. 3, 1903	36	George H. Dunham	"	26	26 Hillman st.	Carpenter
Sept. 14, 1903	31	Wilfred L. Bacon	Substitute	25	60 Spring st.	Plumber
July 11, 1904	32	Frank R. Riley	"	33	162 Chancery st	Cooper
Aug. 23, 1893	35	Benj. C. Groves	Engineer	48	6 Foster st.	Engineer
Feb. 2, 1902	40	Oscar S. Hammond	Stoker	35	48 State st.	Carpenter
June 25, 1893	39	Charles W. Allen	Driver	48	86 High st.	Driver
June 28, 1899	41	Charles A. Haskins	"	41	445 Mill st	" - "

CORNELIUS HOWLAND STEAM FIRE ENGINE COMPANY, No. 4.

Located, corner Sixth and Bedford sts. Apparatus, one 2nd class Amoskeag engine, capacity 500 gallons per minute; placed in service, Nov. 6, 1884; one hose wagon, carrying 1,600 feet $2\frac{1}{2}$ inch hose, 50 feet $\frac{3}{4}$ in. hose; 2 portable extinguishers. Company organized Feb. 1, 1867.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
Aug. 29, 1871	44	Chas. S. Wing	Captain	50	76 So. Sixth st.	Fireman
Nov. 10, 1879	53	B. F. Hinckley	1st Lieut.	47	173 Fourth st.	Printer
Jan. 5, 1884	50	Henry La Rocque	2nd Lieut.	34	86 So. Sixth st.	Machinist
May 28, 1884	45	Louis A. Viereck	Clerk	34	111 Grinnell st.	Grinder
Feb. 16, 1888	49	Frank C. Jennings	Hoseman	38	19 Allen st.	Clerk
Dec. 30, 1885	51	John E. Joseph	"	35	97 So. Sixth st.	"
May 28, 1888	46	Walter F. Brownell	"	34	22 Allen st.	Teamer
Jan. 13, 1886	52	Arthur C. Smith	"	28	39 Bedford st.	Electrician
July 25, 1888	47	Fred L. Jason	"	26	62 Bedford st.	Carpenter
July 2, 1884	48	Harrie B. Jennings	"	30	358 Reed st.	Clerk
Nov. 28, 1888	43	Geo. A. Lowell	"	32	64 Forest st.	Trimmer
April 29, 1901	42	Chas. A. Baker	"	42	84 So. Sixth st.	Hardener
April 29, 1901	55	Ed. L. Moriarty	Substitute	23	174 Fourth st.	Druggist
Oct. 26, 1903	54	Frank H. Vincent	"	27	212 Grinnell st.	Machinist
Aug. 29, 1878	56	Alonzo V. Jason	Engineer	49	111 S. Seventh st.	Engineer
Jan. 29, 1887	57	Geo. H. W. Tripp	Driver	67	57 Bedford st.	Driver
Aug. 12, 1904	59	James T. Wing	"	25	76 So. Sixth st.	"
Mar. 25, 1889	58	Leander Reed	Stoker	55	3 Bay st.	Teamster

ZACHARIAH HILLMAN STEAM FIRE ENGINE COMPANY, No. 5.

Located, cor. County and Hillman sts. Apparatus, one 2nd class Lafrance Engine, capacity 500 gallons per minute; placed in service March 10, 1894; one hose wagon, carrying 1,000 feet 2½ in. hose. 50 feet ¾ in. hose; 2 portable extinguishers. Company organized Dec. 13, 1873.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
Dec. 31, 1886	70	Thomas H. Forbes	Captain	43	130 Chestnut st.	Fireman
Feb. 9, 1891	60	George E. Macomber	1st Lieut.	52	167 Mill st.	Merchant
July 31, 1899	64	Samuel E. Gabriel	2nd Lieut.	42	435 Cottage st.	Laundryman
Oct. 1, 1885	63	Joseph C. Forbes	Clerk	38	299 Chancery st	Clerk
Sept. 30, 1890	65	Thomas N. Meyers	Hoseman	43	48 Smith st.	"
Sept. 30, 1889	71	Obed S. Cowing	"	41	278 Mill st.	Carpet upholsterer
Feb. 1, 1893	61	Frank B. Chadwick	"	32	367 Kempton st	Inspector
Jan. 28, 1886	69	John F. Gifford	"	49	236 Mill st.	Foreman
Dec. 31, 1894	66	Charles H. Bowman	"	39	448 Acushnet av	Roll coverer
April 29, 1895	72	Louis H. Almy	"	32	110 Newton st.	Printer
Dec. 28, 1891	78	Ernest L. Soule	"	42	15 Keene st	Wood worker
Oct. 26, 1903	63	Frank N. Cleveland	"	26	265 Cottage st.	Eyelet maker
April 27, 1896	67	Edward N. Bennett	Substitute	44	75 Campbell st.	Clerk
Sept. 25, 1899	62	Geo. H. Comstock, Jr.	"	26	226 Kempton st	Engineer
Jan. 7, 1874	75	Benjamin F. King, Jr	Driver	66	Smith and Cottage sts.	Driver
Dec. 13, 1873	74	Martin Blanchard	Engineer	60	39 Smith st.	Engineer
Mar. 1, 1882	76	Charles W. Jones	Stoker	47	373 Cottage st.	Wood worker
Jan. 28, 1883	77	Martin S. Nelson	Driver	47	Engine House	Driver

FREDERICK MACY STEAM FIRE ENGINE COMPANY, No. 6.

Located on Fourth st., head of Potomska st. Apparatus, one 2nd class Amoskeag Engine, capacity 500 gallons per minute ; one hose wagon, carrying 1,000 feet 2½ in. hose, 50 feet ¾ in. hose, and 2 portable extinguishers. Company organized Oct. 31, 1882.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
Oct. 31, 1882	132	Jason L. Ballou	Captain	59	35 Crapo st.	Carpenter
Jan. 13, 1886	133	Fred C. Edmondson	1st Lieut.	32	32 Winsor st.	Machinist
Aug. 13, 1901	127	Robt. E. Allen	2nd Lieut.	25	191 Wash'ton st	Electrician
Mar. 7, 1883	128	Joseph Jackson	Clerk	49	1 Bedford st.	Barber
Oct. 31, 1882	125	Marshall S. Greene	Hoseman	50	283 Rivet st.	Mason
Oct. 31, 1882	135	Fred'k S. Nelson	"	37	43 Sherman st.	"
Nov. 16, 1886	130	Edward W. O'Neil	"	43	111 Bonney st.	Glass cutter
Jan. 1, 1885	124	George H. Whelan	"	33	9 Warwick st	Solderer
June 26, 1894	126	James Rock	"	29	743 So. Water st	Clerk
June 15, 1892	138	Michael Stapleton	"	44	168 Cove st.	Merchant
May 4, 1899	122	Wm. C. De Mello	"	41	67 Acushnet av.	Watchman
Aug. 13, 1901	123	Michael Quinn	"	38	28 Stapleton st.	Clerk
Dec. 30, 1901	131	Joseph P. O'Brine	Substitute	29	116 Rivet st.	Machinist
Aug. 29, 1904	131	Wm. N. Whelan	"	21	216 County st.	Clerk
Oct. 31, 1897	137	John J. Crowley	Engineer	49	105 Potomska st	Engineer
May 1, 1898	142	John J. Meaney	Stoker	35	345 S. Orch'd st	Carpenter
Oct. 31, 1882	136	N. Herbert Greene	Driver	48	49 Bedford st.	Driver
Oct. 31, 1882	134	Frank A. C. Greene	"	39	87 Acushnet av.	"

STEAM FIRE ENGINE COMPANY, No. 7.

Located, cor. Durfee and Cottage sts. Apparatus, one 2nd class Amoskeag engine, capacity 500 gallons per minute ; placed in service Sept. 1, 1890 ; one hose wagon, carrying 1,000 feet 2½ in. hose, 50 ft. of ¾ in. hose, and 2 portable extinguishers. Company organized Sept. 1, 1890.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
Sept. 1, 1890	205	Maurice C. Dahill	Captain	43	28 Richmond st.	Fireman
" 1, 1890	204	Edward H. Booth	Lieutenant	54	1 Vine st.	Machinist
" 1, 1890	206	John H. Ryan	"	46	563 Cottage st.	Plumber
Jan. 3, 1888	186	John N. O'Brien	Clerk	42	103 Robeson st.	Merchant
Sept. 1, 1890	207	John D. Manseau	Hoseman	39	30 Durfee st.	Salesman
" 1, 1890	208	Charles A. Galligan	"	39	772 County st.	Merchant
" 1, 1890	203	George A. Bosworth	"	41	20 Richmond st.	Contractor
Nov. 11, 1890	211	Crawford L. Dunham	"	38	131 Merrimac st.	Plumber
Sept. 1, 1890	212	James M. Whittaker	"	39	342 Cedar st.	Salesman
June 11, 1894	210	Thomas C. Lowe	"	58	170 Shawm't av.	Plumber
Dec. 11, 1894	186	William Simister	"	38	91 Robeson st.	Grocer
Mar. 1, 1901	188	Henry Leeming	"	34	1 Durfee st.	Engineer
July 9, 1901	208	Jonathan C. Andrews	Substitute	35	4 Durfee st.	Carpenter
Aug. 2, 1904	197	James F. Collins	"	36	8 Tilton st.	Plumber
Sept. 1, 1890	199	James R. Goddard	Engineer	47	685 Cottage st.	Engineer
" 1, 1890	200	William H. H. S. King	Driver	40	126 Ashland st.	Driver
" 1, 1890	201	Edward H. Coggeshall	"	34	8 Collins st.	"
" 1, 1890	202	Andrew W. Tripp	Stoker	52	45 Durfee st.	Shoemaker

STEAM FIRE ENGINE COMPANY, No. 8.

Located, cor. Acushnet ave. and Davis st. Apparatus, one 2nd class Lafrance engine, capacity 500 gallons per minute; placed in service Dec. 1, 1894; one hose wagon, carrying 1,000 feet $2\frac{1}{2}$ in. hose, 50 ft. $\frac{3}{4}$ in. hose; 2 portable extinguishers. Company organized Dec. 1, 1894.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
April 16, 1894	238	Geo. Cook	Captain	42	1604 Acush't av.	Fireman
Dec. 21, 1896	252	John Hilton	1st Lieut.	41	1289 Acush't av.	Mill hand
Jan. 1, 1894	246	Robt. McWhinnie	2nd Lieut.	43	61 Church st.	"
" 1, 1894	244	Michael McDonald	Hoseman	37	234 Cedar st.	Merchant
" 1, 1894	245	Thos. S. Riley	Clerk	36	558 Cottage st.	Agent
" 1, 1894	251	Daniel Considine	Hoseman	40	204 Davis st.	Merchant
" 1, 1894	248	Nicholas Whalon	"	38	10 Robeson st.	"
" 1, 1894	241	James Slater	"	53	66 Willis st.	"
" 1, 1894	247	Edwin L. Hughes	"	34	194 Phillips av.	Laborer
May 1, 1896	243	John H. Finnell	"	37	1692 Acush't av.	Clerk
" 1, 1896	254	John S. Francis	"	34	190 Coffin ave.	Mill hand
Jan. 27, 1902	249	Timothy O'Brien	Substitute	40	230 Davis st.	Merchant
" 5, 1903	243	Fred. L. Dunham	"	39	82 Dean st.	Burnisher
" 1, 1894	250	Antonio M. Lemos	Driver	40	176 Davis st.	Driver
" 1, 1894	237	Wm. R. Moore	Engineer	41	1737 Acush't av.	Engineer
May 5, 1901	239	Horace S. Bennett	Driver	35	191 Davis st.	Driver
Jan. 1, 1894	240	John Watkinson	Stoker	39	441 Pleasant st.	Stoker
May 28, 1897	253	Wm. McCann	Hoseman	44	200 N. Front st.	Merchant

HANCOCK ENGINE COMPANY No. 9.

Located on Acushnet ave., north of Lund's Corner. Apparatus—One hand engine built by John Agnew in 1843, placed in service at present location Jan. 18, 1861; one four-wheel hose reel carrying 900 feet $2\frac{1}{2}$ in. hose and one portable extinguisher; one two-wheel hand reel carrying 600 ft. $2\frac{1}{2}$ in. hose. Present company organized Dec 14, 1878.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
Nov. 28, 1865	147	Francis P. Washburn	Captain	61	Acushnet ave.	Carpenter
Dec. 14, 1878	160	Herbert M. Spooner	1st Lieut.	47	River st.	Boxmaker
Sept. 8, 1883	151	John G. Whalon	2nd Lieut.	43	Belleville ave.	Grocer
Feb. 28, 1870	146	John A. Russell	Clerk	54	Acushnet ave.	Farmer
Dec. 4, 1882	164	George W. Hawes	Brakeman	51	"	Laborer
Feb. 4, 1889	161	William P. Reed	Hoseman	53	Hawes lane	Teamster
May 26, 1902	158	Willard B. Bennett	"	46	Acushnet ave.	Blacksmith
Sept. 25, 1883	162	Frederick W. Bowles	"	39	"	Sawyer
May 8, 1886	155	George H. Gifford	"	33	"	Carpenter
Aug. 26, 1895	150	Allen G. Briggs	"	39	"	Blacksmith
May 31, 1892	157	Walter H. Darling	"	39	"	Boxmaker
Sept. 24, 1900	159	Frank E. Washburn	"	27	"	Carpenter
Dec. 14, 1878	152	James A. Wilbur	Brakeman	59	Mill road	Laborer
" 27, 1897	166	Frank L. Reed	"	29	Perry st.	Carpenter
" 6, 1886	145	John P. Parker	Steward	35	Main st.	Painter
May 30, 1870	148	Andrew B. Grinnell, Jr	Brakeman	65	Acushnet ave.	Clerk
Dec. 14, 1878	165	Allen Russell, Jr.	"	47	"	Farmer
Sept. 16, 1885	154	Edwin F. Davis	"	38	Tarklin hill rd.	Laborer
Dec. 31, 1900	163	Floyd E. Darling	"	25	Acushnet ave.	Grocer
May 28, 1902	156	James H. Griffin	"	23	Mill road	Boxmaker
" 4, 1903	149	William Wolstenholme	"	46	Tarklin hill rd.	Laborer
Oct. 28, 1901	153	Avery O. Parker	"	32	"	Carpenter
Nov. 25, 1901		Walter H. Hawes	Substitute	23	Acushnet ave.	Glass cutter
Dec. 28 1903		Harry C. Hawes	"	20	"	"

CHEMICAL ENGINE COMPANY No. 1.

Located cor. Purchase st. and Mechanics lane. Apparatus — One Holloway combination chemical, carrying two 35-gallon tanks and 700 ft. $2\frac{1}{2}$ in. hose, 50 ft. $\frac{3}{4}$ in. hose, one Eastman deluge set, one Baker cellar pipe, one Schneider hose shut-off, two portable extinguishers; placed in commission July 1, 1895. Company organized Dec. 31, 1871.

Date of Joining	No of Badge	Name	Rank	Age	Residence	Occupation
May 19, 1896	80	David W. Howland	Captain	68	219 Kempton st	Blacksmith
" 19, 1896	81	John B. Oliver	Clerk	40	287 Cottage st.	"
" 19, 1896	83	John P. Thompson	Hoseman	43	364 Kempton st	Painter
" 19, 1896	82	Chas E. Thomas	"	51	286 Kempton st	Carpenter
" 19, 1896	84	Fred E. Mosher	Driver	43	118 Kempton st	Driver

HOSE COMPANY No. 2.

Located at cor. of Weld and Bowditch sts. Apparatus — One hose wagon built by Brownell, Ashley & Co., New Bedford, carrying 1000 ft. $2\frac{1}{2}$ in. hose, 50 ft. $\frac{3}{4}$ in. hose, one Eastman two-way set, two portable extinguishers; placed in service Dec. 3, 1888. Company organized Dec. 3, 1888.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
Dec. 3, 1888	185	Reuben Taber	Captain	47	973 Acushnet av	Fireman
" 3, 1888	188	Stephen L. Fennell	1st Lieut.	44	17 Reynolds st.	Clerk
" 3, 1888	187	Bartholomew P. Fury	2nd Lieut.	41	317 Pleasant st.	"
Nov. 3, 1897	186	Michael E. Daley	Clerk	36	215 Coffin ave.	Carpenter
Aug. 1, 1898	189	John H. Watson	Hoseman	47	32 Ashland st.	Merchant
April 2, 1895	190	William J. Moore	"	28	55 Mt. Pleasant st	Clerk
Sept. 1, 1901	193	Hyman Mechaber	"	29	83 Kenyon st.	Merchant
May 5, 1902	192	James E. McCarty	Substitute	27	27 Clark st.	Clerk
Dec. 12, 1893	191	Arthur R. McDonald	Driver	32	58 Howard st.	Driver

HOOK AND LADDER COMPANY No. 1.

Located on Purchase st., cor. Mechanics lane. Apparatus —
One 1st size Hayes' aerial truck, fully equipped, longest extension
ladder 75 feet; placed in service April 29, 1895.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
June 24, 1888	105	Edward D. Francis	Captain	49	86 Kempton st.	Shoemaker
Feb. 1, 1897	89	David A. Cobb	1st Lieut.	36	West Elm st.	Painter
Jan. 1, 1895	98	Edward C. Neagus, Jr.	2nd Lieut.	32	72 Walden st.	Clerk
Mar. 27, 1899	100	William C. Coon	Clerk	40	69 Foster st.	Painter
April 26, 1896	88	Harry F. Chase	Ladde'man	32	281 Kempton st.	Teamster
Jan. 31, 1870	87	Ly-a-nder W. Davis	"	69	106 Chestnut st.	Carpenter
Nov. 29, 1886	103	Alfred M. Gifford	Axeman	41	148 Maxfield st.	Teamster
Aug. 25, 1895	102	Charles J. Johnson	Ladde'man	72	544 Cottage st.	Shoemaker
Jan. 1, 1900	107	Edward F. Magrath	"	45	15 Spruce st.	"
Jan. 5, 1884	101	Frank Spooner	Axeman	49	West North st.	Painter
Aug. 7, 1868	86	Philip M. Tripp	Ladde'man	66	178 Arnold st.	Teamster
April 26, 1897	106	William F. Wilcox	"	49	Bancroft House	Hostler
Feb. 1, 1900	91	George X. Babcock	Substitute	32	66 Mechanic la.	Teamster
May 25, 1908	104	Frederick R. Symonds	"	34	480 Acushn't av	Glass cutter
Feb. 18, 1895	97	Isaac R. Allen	Driver	44	120 High st.	Driver
Sept. 11, 1900	92	Frederick E. Ricketson	Tillerman	29	139 Purchase st.	Tillerman

HOOK AND LADDER COMPANY No. 2

Located at cor. of Weld and Bowditch sts. Apparatus — One 2nd size Hayes' aerial truck, fully equipped, longest extension ladder 65 feet; placed in service September, 1888. Company organized September, 1888.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
Sept. 1, 1888	175	Martin H. Sullivan	Captain	46	78 North st.	Contractor
" 8, 1898	176	Edward M. Murphy	1st Lieut.	39	834 County st.	Clerk
" 1, 1892	174	Charles H. McCarty	2nd Lieut.	33	Clark and State sts.	Driver
" 1, 1888	180	Peter F. Sullivan	Clerk	44	328 Cedar st	Clerk
" 1, 1888	177	John S. Harrington	Ladde'man	45	133 Clark st.	"
" 1, 1888	178	David Warren	"	47	252 State st.	Stable keeper
May 1, 1890	184	Frank R. Pease	"	46	923 Acushn't av	Druggist
Mar. 1, 1892	173	William Sellecks	"	35	136 N. Front st.	Clerk
Dec. 18, 1894	181	John T. Conway	"	29	47 Durfee st.	Copper worker
June 1, 1897	179	Michael J. Sullivan	"	45	190 Merrimac st	Carpenter
Oct. 1, 1895	183	John E. Murphy	"	33	209 Cedar Crove	Clerk
May 1, 1896	172	James H. Mahoney	"	28	112 Mt. Pleasant	Plumber
Dec. 13, 1898	171	John H. Galligan	Substitute	35	62 Durfee st	Clerk
Nov. 1, 1904	182	James E. McGoff	"	29	337 Sawyer st.	Plumber
Dec. 9, 1904	108	George H. Nickerson	Driver	36	284 Weld st.	Driver
Sept. 15, 1885	215	Jeremiah T. Haggerty	Tillerman	35	219 Bowditch st	Tillerman

HOOK AND LADDER COMPANY No. 3.

Located on Fourth st., head of Potomka st. Apparatus — One 2nd size Hayes' aerial truck, fully equipped, longest extension ladder 70 feet; placed in service Nov. 1, 1891. Company organized Nov. 1, 1891.

Date of Joining	No. of Badge	Name	Rank	Age	Residence	Occupation
May 1, 1899	220	John W. Donaghy	Captain	38	4 Rockland st.	Fireman
Nov. 1, 1891	218	John O'Neill	1st Lieut.	40	Bonney and Fair sts.	Glasscutter
June 5, 1899	224	Owen J. Dowd	2nd Lieut.	36	1039 S. Water st	Barber
Aug. 2, 1897	226	Edward M. Slocum	Clerk	33	18 Sherman st.	Draughtsm'n
Nov. 1, 1891	219	Daniel E. Nelson	Ladder-man	40	97 Grinnell st.	Mason
" 1, 1891	222	Henry R. Lindsey	"	42	211 County st.	Carpenter
" 1, 1891	221	Henry E. Chase	"	40	177 Grinnell st.	Merchant
Feb. 2, 1892	225	Stephen J. Cassidy, Jr.	"	39	25 Welcome st.	Painter
Jan. 7, 1895	217	Nelson L. Pike	"	40	Rural Cemetery	Sexton
April 5, 1897	227	Wm. H. Greene	"	27	34 Crapo st.	Driver
Feb. 7, 1898	223	Henry M. Whelan	"	27	Bonney and Thompson sts.	Mason
Oct. 1, 1902	228	Frank T. Cooke	"	29	286 Fourth st.	Baker
May 3, 1904	229	Geo Bradford	Substitute	32	155 Grinnell st.	Carpenter
" 3 1904	230	Chas. A. McAvoy	"	25	25 Welcome st.	Merchant
Dec 10, 1901	232	Chas. E. Greene	Driver	30	205 County st.	Driver
April 1, 1897	231	Geo. H. Baylies	Tillerman	33	111 Grinnell st.	Tillerman

PROTECTING SOCIETY.

OFFICERS.

President,	Charles S. Kelley,
1st Director,	William A. Robinson,
2nd "	Edward T. Pierce
3rd "	Charles M. Haskell
4th "	Edmund F. Maxfield
5th "	John H. Lowe
6th "	Alfred Thornton
7th "	Edward F. Penney
8th "	Henry S. Hutchinson
Secretary and Treasurer,	Edmond L. Wilde

Thomas B. Akin	Frank H. Gifford
Geo. H. H. Allen	Thos. J. Gifford
James H. Bamford	Fred. C. Graves
William Bamford,	Everett Green
George W. Bennett,	Amos W. Hadley
Lewis E. Bentley	Edgar B. Hammond
Simpson J. Blossom	Henry F. Hammond
Standish Bourne	John J. Howland
Joseph Z. Boucher	Henry Howard, Jr.
F. A. Bonneau	James F. Hoye
Henry P. Burt	James L. Humphrey, Jr.
Isaac H. Coe, Jr.	Charles S. Kelley, Jr.
R. C. P. Coggeshall	Gilbert D. Kingman
Otis P. Cook	Thomas H. Knowles
Henry C. Denison	Edgar R. Lewis
Joseph Dias	Frederick B. Macy
Ernest A. Dunham	George I. Macy
John Eldridge, Jr.	J. Roland Macy
James P. Francis	P. F. Manchester
Chas. H. Gifford	Willard Nye, Jr.

Walter H. Paige
Charles L. Paine
David L. Parker
Stephen D. Peirce
Samuel H. Perry
William H. Pitman
Louis H. Richardson
Arthur E. Robbins
Morgan Rotch
Gardner T. Sanford
Alex. T. Smith
Robert Snow
Daniel J. Sullivan

Frederic Taber
William T. Taylor
F. E. Thilo
Mark T. Vincent
Fred'k A. Washburn
William R. West
Alfred G. Wilbor
Albert F. Wilde
Edmund Wood
Horace Wood
Thomas F. Wood
Clement L. Yaeger,

Fire Alarms, Losses and Insurance for Year Ending December 31, 1904.

Number of bell alarms	68
Number of still alarms	117
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Total	185

Following is a statement of fires and alarms of fires, with losses and insurance as ascertained, including a list of fires for which no signal was given, and reported to this office by courtesy of insurance underwriters.

RECORD OF SIGNAL FIRES.

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of building	Cause	Engines	Ladder Truck	Chemical	Hose	Damage to Building	Damage to contents	Insurance on Building	Insurance on contents
Jan 1	10.55 a m	Still	7 Maple st.	Elisha D. Anthony	Elisha D. Anthony	Dwelling	Wood	Burning soot	4	4						
4	8.20 p m	7	585 Purchase st.	Max Rosenblum	Mrs. Ryan	"	"	Thawing water pipes	1-7	2	1	2	\$100.00		\$2000.00	
5	7.04 a m	57	37 Nelson st.	S. E. Bentley	Sarah Hushon	"	"	Unknown	4-6	3	1					
6	9.20 a m	Still	90 Merrimac st.	James Bamford	James Bamford	"	"	Thawing water pipes	1							
9	5.13 p m	135	127 Belleville ave.	Isaac Portnoy	Joseph Piva	"	"	Burning soot	18	2	1	2				
9	5.57 p m	135	Same fire													
10	10.00 p m	53	187 Bonney st.	Thos. Brown	Thos. Brown & others	"	"	Candles ignite Christmas tree	4-6	3	1					
11	12.22 p m	93	Sawyer st.	Pierce Mfg. Co.		Engine room	Brick	Candles caught from boiler	1-5-7-8	1-2	1	2	1000.00			
11	6.15 p m	Still	9 Madison st.	Jas. C. Dwight	Mary Correia	Dwelling	Wood	Candles on altar	4							
13	7.04 p m	85	Water & Coffin sts.	N. B. Gas & Ed'n Lt Co	N. B. G. & E. L. Co	Boiler house	Brick	Burning tar	2-4-6	3	1		50.00			
15	8.00 a m	Still	137 Hawthorn st.	Heirs of Susan Snow	Heirs of Susan Snow	Dwelling	Wood	Burning soot	4							
15	6.55 p m	"	38 Dartmouth st.	Wm. F. Potter	Joseph H. Bell	"	"	"	4							
18	1.15 p m	"	Union and Seventh sts.	F. W. Oesting	K. E. O'Neill	Millinery	"	"			1					
25	5.15 p m	"	155 Cottage st.	Mrs. R. L. Smith	Mrs. R. L. Smith	Prior Dwelling	"	"	4							
29	1.15 p m	135	23 Mitchell st.	James Affick	W. J. Clark	"	"	"	1-8	2	1	2				
30	10.05 p m	Still	Coffin ave. and Belleville road	Joseph Bonneau	Unoccupied	"	"	Defective stove	8				\$1150.00		\$2000.00	

RECORD OF SIGNAL FIRES. (Continued).

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Responded to by				Damage to building	Damage to contents	Insurance on building	Insurance on contents
Feb 8	9.30 a m	14	Acushnet ave. and Pearl st.	Dennis Donovan	Thos. Lovejoy	Dwelling	Wood	Unknown	1-5	1			\$300.00	\$25.00		
9	7.35 p m	Still	219 North st.	Wm. H. Smith	Edward Drew	"	"	Spar's from chimney	5							
13	11.25 a m	"	71 Union st.	Hetty Green	S. P. Henry	Fruit store	"	Overheated stove	4-6	3			747.50	150.00	\$1200.00	
14	6.45 p m	58	Shore and Crit sts.	John W. Babbitt	John W. Babbitt	Dwelling	"	Overheated stove		1						
15	10.10 p m	Still	Front st.	N. Y. N. H. & H. R.	Joseph Sylvia	Freight car	"	Overheated stove	4							
17	7.35 a m	"	171 Acushnet av	Wm. Kelley	Mrs. Selleck	Dwelling	"	Burn'g soot			2					
26	11.45 a m	"	14 Clark st.	Est. C. O'Leary		"	"	"								
26	6.30 p m	"	656 Purchase st	Wm. H. Morse	T. J. Clynes and others	Store and dwelling	"	"	1						3000.00	
28	1.15 p m	"	880 County st.	Frank H. Gifford	Frank H. Gifford	Dwelling	"	Burning grease	4				12.13	\$175.00	\$4900.00	
													\$1039.63	\$175.00		

RECORD OF SIGNAL FIRES. (Continued.)

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Engines	Ladder Truck	Chemical	Hose	Responded to by	Damage to building	Damage to contents	Insurance on building	Insurance on contents
Mar. 5	9.55 a m	Still	136 Hathaway ave.	Wm. Bloomer	Mrs. Ada Shaw	Dwelling	Wood	Children and matches	8					\$35.00		\$1,000.00	
11	8.30 a m	"	Bethel and Union sts.	S. C. Lowe Supply Co.	S. C. Lowe Supply Co.	Store	"	Sparks from chimney		1							
12	8.56 a m	12	14 Topham st.	Wm. A. Coggeshall	Wm. A. Coggeshall	Dwelling	"	Sparks from chimney	5-7	2	1	2		\$25.00	\$375.00	\$900.00	\$500.00
14	1.57 p m	Still	158 Austin st.	Bridget McDonnell	James Ivey	"	"	Children and matches	7								
16	7.56 p m	"	106 Rivet st.	Mrs. A. L. Couet	Mrs. A. L. Couet	Store and dwelling	Brick	Burning soot	6								
23	7.30 a m	"	Fifth and Wing sts.	St. John's Church	St. John's Church	Church	Wood	Candles ignited altar	4								
23	8.09 a m	125	Acushnet ave. and Kenyon st.	Fede'n Franco-American Inc.	Fede'n Franco-American Inc.	Hall and stores	"	Cigar in sawdust	1-8	2	1	2		700.00	122.08	15,000.00	2,700.00
23	7.15 a m	48	587 So. Water st	Est. B. F. Howland	Julia Roderiques	Dwelling	"	Smoking on lounge	4-6	3	1				25.00		1,000.00
24	7.12 a m	19	91 Walden st	F. W. Oesting	Mrs. Mosher	"	"	Burning soot	1-5	1	1						
24	2.30 p m	Still	Orchard and Rivet sts.	G. F. Winslow	Chadwick & Co	Store	Brick	Burning brush	6					223.00	1,026.00	25,000.00	8,500.00
24	12.43 p m	32	Union and Sixth sts.	Thos. F. O'Neill	Thos. F. O'Neill	Dwelling	Wood	Lamp explos'n	2-4	1	1						
25	1.05 p m	Still	650 County st	Thos. F. O'Neill	Thos. F. O'Neill	Dwelling	Wood	Clean'g curts's with naphtha	5								
26	7.15 a m	"	Bethel and Union sts	S. C. Lowe Supply Co.	S. C. Lowe Supply Co.	Store	"	Sparks from chimney			1						
30	4.30 p m	"	Brock ave.					Brush fire	6								
														\$1,838.00	\$1,448.08	\$41,800.00	\$12,700.00

RECORD OF SIGNAL FIRES. (Continued.)

Date	Time	Signal	Location	Owner or Agent	Occupation	Occupied as	Class of Building	Cause	Responded to by				Damage to building	Damage to contents	Insurance on building	Insurance on contents
April 2	4:10 a m	Still	57 Mechanics lane	A. Wilde	A. Wilde	Bakery	Wood	Overheated oven	Engine	Truck	Chemical	Hose				
4	12:40 p m	"	Davis st.	Heirs Willard Nye				Brush fire	8		1					
5	9:15 a m	"	County st., near Hillman					Burning grass	5							
5	11:50 a m	"	Dartmouth and Rockland sts.					Boys set brush fire	4							
5	3:40 p m	"	Rivet st. and Bolton rd.					Boys set brush fire	6							
5	4:20 p m	"	112 Grinnell st.	Mrs. C. C. Kelley	C. W. Baker			Burning soot	6							
5	7:11 p m	128						False alarm	1-7	2	1	2				
10	8:40 p m	57	Blackmer st. & Acush. ave.	Frank Perry	Benj. Bessette	Grocery	wood	Unknown	4-5	3	1		\$48.90	\$174.89	\$2,000.00	\$700.00
11	12:30 p m	124	1135 Acush. av.	A. Mendelson	A. Mendelson	Dry Goods store	"	Overheated furnace	1-8	2	1	2				
13	6:20 p m	Still	161 County st.	Wm. Snell	M. L. Provost	Dwelling	"	Burning soot	6							
13	7:33 p m	45	281 So. Orchard	Herman Karcher	Manuel G. Rose	"	"	Lamp exploded	4-5	3	1					
19	3:40 p m	Still	Cove rd.					Burning grass	6							
20	10:20 a m	"	58 Hawthorn st	Fred S. Potter	Fred S. Potter	Dwelling	wood	Burning soot	4							
24	11:50 a m	"	Buttonwood Park					Brush fire			1					
24	5:30 p m	46	464 So. Water st	Mrs. E. A. Sylvia	Mrs. Cohen	Dwelling	wood	Burning soot	4-5	3	1			2.00		200.00
24	6:15 p m	4						False alarm	5-7	2	1	2				
27	10:30 a m	Still	5 Tremont st.	L. E. Milliken	Unknown	Dwelling	wood	Burning soot	1-5	1-2	1					
28	5:00 p m	97	Belleville ave.	Whitman Mills	Whitman Mills	Storage	"	Burning cotton	7-8				\$48.90	\$178.90	\$2,000.00	\$800.00

RECORD OF SIGNAL FIRES. (Continued).

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of building	Cause	Engines	Ladder	Chemical	Hose	Damage to building	Damage to contents	Insurance on building	Insurance on contents
May 2	4.80 p m	Still	Mt. Pleasant st.	Capt. King		Vac'nt land		Burning brush	7							
2	11.45 p m	124	Adams st.					False alarm	18	2	1	2				
3	9.17 p m	128	Tarklin Hill	Snell & Simpson	Snell & Simpson	Bakery	Wood	Overheat'd flue	17	2	1	2	\$31.60		\$8,000.00	
6	11.30 a m	3	Tarklin Hill road	Chas. Knowles		Vac'nt land		Brush fire	9							
6	1.30 p m	3	Tarklin Hill road	City New Bedford				"	9							
8	2.00 p m	Still	Brigham st.	Est. Henry				"	4							
11	7.17 a m	46	349 So. Water st.	Antone	Antone Garcia	Dwelling	wood	Burning soot	4-6	3	1					
12	10.00 a m	Still	39 Grove st.	De Mello	Mrs. Clement	"		"	4							
14	1.35 p m	"	Bolton rd. and Rivet st.	Ingraham	Nyc			Burning brush	6							
14	2.45 p m	226	13 Rodman st.	Geo. F. Bartlett	Wm. F. Potter & Co.	Storehouse	wood	Sparks from chimney	1-2	1	1		2.50		2,000.00	
15	4.30 p m	Still	123 Maxfield st.	Mrs. S. S. Paine	Mrs. S. S. Paine	Dwelling	"	Oil heater	5				71.45	\$45.00	2,000.00	\$500.00
19	1.33 p m	135	229 Coggeshall st.	S. Genensky	P. Cloutier	Lunch room	"	explosive	1-8	2	1	2				
24	6.20 p m	Still	94 Bullard st.	John Connell	Pascal Cordin	Dwelling	"	Burning rags	8							
29	9.50 p m	"	Chaucery st.					Defective oil stove	7							
								Boys set rubbish on fire					\$103.55	\$45.00	\$12,000.00	\$500.00

RECORD OF SIGNAL FIRES. (Continued).

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of building	Cause	Responded to by				Damage to building	Damage to contents	Insurance on building	Insurance on contents
									Engines	Ladder Truck	Chemical	Hose				
June 8	7.00 a m	53							4-6	3	1					
12	8.30 a m	46	356 So. Water st.	Alfred Fernandes	A. Fernandes and Mrs. Pina	Dwelling	Wood	False alarm	4-6	3	1			\$25.00		
14	7.15 p m	Still	384 Purchase st.	Cusebe Therrien	L.Z. Norm nd'n	Drug store	"	Unknown	4-6	3	1					
18	10.35 a m	"	Foot of Cannon st.	N. B. Gas & Ed. Light Co.	N. B. Gas & Ed. Light Co.			Burning soot	1							
28	5.40 p m	"	23 Nelson st.	N. B. Five Cts. Savings Bank	Unknown	Dwelling	Wood	Burning tar set by employees	4							
								Burning soot	6						\$25.00	

RECORD OF SIGNAL FIRES. (Continued).

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of building	Cause	Responded to by	Damage to building	Damage to contents	Insurance on building	Insurance on contents
July 8	10.40 a m	Still	Belleville and Coffin aves.	A. A. Villeneuve	Hamelin & Villeneuve	Drug store	Wood	Fire crackers	Hugines 8				
4	8.45 p m	225	38 Lindsey st.	Herbert Hammond	Barn		"	Fire works	5-7 1	\$100.00			
4	9.35 p m	Still	68 Forest st.	Mrs. B. Sullivan	Dwelling		"	"	4				
5	1.05 a m	"	113 N. Water st.	C. W. Wyman	Unoccupied		"	"	1				
8	9.15 a m	"	33 S. Second st.	E. W. Morrison	Dwelling		"	"	1				
9	3.05 p m	"	108 Fifth st.	H. A. Leonard	Arth'r Bettencourt	"	"	Matches in cloth'g ignited burning soot	4	96.00		\$1,900.00	
9	3.50 p m	134	107 Coffin ave.	Norbert Gillette	Fm'k Charmworth	"	"	Smoke in cellar	1-8 2				
9	4.07 p m	Still	108 Fifth st.	H. A. Leonard	Arth'r Bettencourt	"	"	Leaking naphtha	4	50.00			
11	8.35 p m	"	96 Washington st.	John N. Cunningham	Motor carriage		"	Bolting sugar	4-6 1				
13	7.30 p m	47	Bolton road and Rivet st.	Mrs. Louise E. Perry	Dwelling		Wood	Burning brush	8 1				
14	8.50 a m	Still	3 Hillman ct.	R. P. Haskins	Dwelling		Wood	Sparks from locomotive	6				
14	11.35 a m	"	323 S. Front st.	Manuel Francis	"		"	Burning soot	1				
14	12.22 p m	"	119 S. Water st.	John B. Hussey	"		"	Rats and matches	4				
19	9.45 a m	"	Coggeshall st	City New Bedford	Water Dept.		"	Burning grass	2				
21	10.20 a m	"	762 Purchase st.	W. E. Hathaway	Hector Prue	Dwelling	Wood	Defective oil stove	1-7 2				
21	5.50 p m	127	248 Coggeshall st.	M. Wischnietzky	Dry goods store		"	Gas ignited drapery	1-8 2	56.00	\$180.44	5,500.00	\$3,900.00
21	7.48 p m	135	104 Fifth st	Est. Chas. Wordell	Dwelling		"	Burning soot	4				
22	4.25 p m	Still	Prospect st.				"	Burning rubbish	6				
30	9.30 a m	"	Clark and County sts.	I. Seguin	Blacksmith shop		Wood	Shavings in cellar	2				
31	9.30 a m	"	Pleasant and Middle sts.	Mrs. A. L. Chase	Dwelling		"	Overheated chimney	1				
31	6.45 p m	"								\$282.00	\$180.44	\$6,700.00	\$3,900.00

RECORD OF SIGNAL FIRES. (Continued.)

Date.	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Responded to by	Damage to building	Damage to contents	Insurance on building	Insurance on contents
Aug. 5	2:00 a m	36	127 S. Water st.	John G. Gomes	Manuel Gomes and others	Grocery	Wood	Unknown	Engine 2 4 1 1	\$355.65	\$180.65	\$1,000.00	\$1,800.00
9	10:00 a m	Still	37 Washburn st	Timothy Sullivan	U'el Epstein	Dwelling	"	Burning couch	Hose 2	16 25			500.00
10	6:50 p m	"	5 Fifth st.	F. H. Winship	Wm. M. Smith	"	"	Back draft	4				
11	6:04 p m	132	Acush. av. and Belleville rd.	Marcelle Gamache	Marcelle Gamache	Lamp lighter's wagon	"	Leak'g naptha ignited	8-9 2 1 2	50.00			
13	7:15 p m	Still	Morgan and Cottage sts.	Est. H. V. Davis	Mrs. Francis Allen	Dwelling	Wood	Burning rags	1				
14	8:05 p m	128	5 Penniman st.	John F. Edgerton	Fred Roberts	"	"	Overheated	1-7 2 1 2	34.25	30.00	2,000.00	1,000.00
16	7:48 p m	57	201 County st.	John Gatenby	John Gatenby	Store	"	Hanging lamp stove	4 6 3 1				
17	9:50 p m	56	813 S Water st.	Est. James Rock	Aaron Simiansky	Store and dwelling	"	Ignited ceiling	4-6 3 1		7.00		500.00
19	11:40 a m	Still	714 S. Water st.	Mrs. Mary Rogers	Hugh Toner and others	Store and dwelling	"	Children and matches	6				
19	1:53 p m	57	5 Independent Market sq.	B. J. Bettencourt	B. J. Bettencourt	Stable and storage	"	Pan grease	4 6 1-8 1	400.00	50.00	500.00	50.00
19	8:30 p m	Still	180 South st.	John H. Sleight	Unoccupied	"	"	Unknown	6	74.34		3,000.00	
19	7:35 p m	"	So. Water and Blackmer sts.	John Ramsden	P. Fournier	Dwelling	Wood	Burning rubbish	6				
20	6:40 p m	5	184 Austin st.	Mrs. M. E. Coggeshall	Mrs. M. E. Coggeshall	"	"	Children and matches	1-7 2 1 2	10.00	108.50	2,500.00	500.00
26	10:45 a m	Still	488 County st.	M. J. Sullivan	Victor Barreiteau	"	"	Burning soot	5				
27	10:15 p m	"	186 State st.	Est. Clark Green	S. Christopher	"	"	Burning lounge	2-4 1 1	100.70	50.00	2,400.00	
28	9:40 p m	31	Acush. av. and Market sq.	Mary J. Dalrymple	Mary J. Dalrymple	Fruit store	"	Lamp exploded	7	20.60		1,000.00	
30	6:40 a m	Still	117 Austin st.	Frank R. Hitch		Dwelling	"	Lamp upset					
30	3:00 p m	"	Front and Rodman sts.					Burning cotton	1				
										\$845.64	\$442.40	\$12,400.00	\$4,350.00

RECORD OF SIGNAL FIRES. (Continued.)

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Engines	Ladder Truck	Chemical	Responded to by	Damage to building	Damage to contents	Insurance on building	Insurance on contents
Sept. 8	2.10 a m	Still	Foot of Howland st.	J. Havard	J. Havard	Photograph rooms	Wood	Dump fire	4							
8	8.30 a m	"	94 Weld st.	J. C. Patuaude	P. A. Couroussi	Stable	"	Defective oil stove	1-7	2	1	2	\$65.95		\$850.00	
7	7.25 p m	137	Rear 780 Purchase st	Jos. B. Smith	Joseph Tablas	Dwelling	"	Unknown	4							
8	7.06 p m	Still	144 Acush. ave	H. K. Haskins	Mrs. Gomes	"	"	Burning soot	1-6	1	1					
9	4.05 p m	17	2 Maxfield st.	B. B. Winslow	B. F. Garland	"	"	Children and matches	5-7	1	1		198 13		850.00	
9	4.30 p m	225	182 Florence st.	Est. W. B. Porter	John Connelly	"	"	Overheated stove	5							
10	7.40 a m	Still	68 Summer st.	M. Riley	M. Riley	"	"	Burning soot								
10	2.30 p m	"	477 Acush. ave.	John Rivard	Mrs. Lavole	"	"	Unusual smoke	1-8	2	1	2	835.00	\$200.00	1,000.00	\$800.00
12	1.80 a m	184	Phillips and Belleville ayes	Harriet M. Bonney	E. C. Brownell	"	"	Unknown	4							
14	10.30 a m	Still	334 County st.	Mrs. Mary Wilson	Robert C. Chase	"	"	Explosion of plumber's torch	5							
15	8.10 a m	"	11 Chestnut st.	Joseph P. Ponte	Joseph P. Ponte	Store and dwelling	"	Burning soot	6				22.55		8,100.00	
16	12.05 a m	"	359 So. First st	F. W. Oesting	Mrs. Frank Brown	Dwelling	"	"	6							
17	2.45 p m	"	181 North st.	A. F. Francis	J. P. Quadros and others	Store and dwelling	"	"	6							
18	10.15 a m	"	75 Grinnell st.	Mrs. S. E. Hath'way	E. M. Ricketson	Dwelling	"	"			1					
22	5.00 p m	"	6 Park place	U. S. S. Railway	Customs Dept.	Electric car	"	Electricity	6							
22	5.55 p m	"	Acush. av. and Plymouth st	U. S. S. Railway	Customs house	Stone	"	Back draft	4-6	3	1		60.00		4,000.00	
25	6.30 p m	"	William and No. Second sts.	F. W. Oesting	Unoccupied	Wood	"	Children and matches	1							
26	8.18 p m	53	No. Second and So. Water sts.	Jacob Howard	Abraham Knowles	Store	"	Defective gasoline stove								
28	9.30 a m	Still	685 Purchase st										\$1,171.63	\$200.00	\$9,900.00	\$800.00

RECORD OF SIGNAL FIRES. (Continued).

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Cause	Responded to by			Damage to building contents	Insurance on building	Insurance on contents
Oct. 1	5.08 p m	Still	114 Mill st.	Chas. H. Adams	Fred. A. Brownell	Dwelling	Wood	Burning soot	Engines	Ladder	Truck			
3	11.10 a m	"	144 Hawthorn st.	H. E. Cushman	H. E. Cushman	"	"	"	5		1			
14	1.20 p m	"	1 Morgan terrace	R. H. Morgan	Frank P. Chase	"	"	Foul chimney	4					
14	3.05 p m	"	64 State st.	Jas. G. Harding	Ed. W. Cowen	"	"	Burning soot	5					
16	2.56 a m	124	1224 Acush. av.	A. Perault	A. Desautels	Storage	"	Unknown	1-8	2	2	\$30.00	\$2,500.00	\$150.00
17	7.20 a m	27	Sears court	{ Masonic Bldg. Association }	C. F. Wing	"	"	"	2-4	1	1	1,500.00	1,500.00	2,000.00
19	5.10 p m	Still	Acush. ave. and Union st.	{ C. W. Hurl and others }	Ruggles & Ellison	Dry goods store	Brick	Burning gasoline				85.00	35,000.00	44,500.00
21	11.05 a m	"	68 Delano st.	John Williams	John Williams	Stores		Burning soot	6		1	25.46	5,000.00	500.00
23	1.45 p m	"	{ 405 County st. }	Pat'k Winterson.	Manuel Sylvia	Dwelling	Wood	Sparks from chimney			1			
	1.49 p m	37		Dr. E. H. Abbe	Edw. S. Brown	"	"		4-5	1	1	202.00	10,000.00	
24	5.45 p m	25	High st., near County st.	Mrs. Carpenter	Wm. Willard	Storage	Wood	Unknown	2-5	1	1	115.00	2,000.00	
28	7.15 a m	235	49 Florence st.	Alb't R. Brownell	Albert R. Brownell	Dwelling	"	Hot ashes	5-7	1	1	30.00	1,500.00	
28	10.10 p m	Still	8 Delano st.	Thos. Larochele	Eugene Larochele	"	"	Burning soot	6					
31	10.25 a m	137	Purchase st.	Wamsutta Mills	Wamsutta Mills	Storage	Brick	Spontaneous combustion	1-7	2	1	80.67		
31	5.15 p m	135	248 Coggesh'ill st.	M. Wischnietzky	M. Tarnopol	Dry goods store	Wood	Broom on fire	1-8	2	1			
												\$2,058.15	\$7,747.47	\$47,150.00

RECORD OF SIGNAL FIRES. (Continued).

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of building	Cause	Responded to by	Damage to building	Damage to contents	Insurance on building	Insurance on contents
Nov. 2	9.10 a m	Still	481 Rivet st.	Mrs. Howarth	Michael Quinn	Dwelling	Wood	Burning rags	Engines 6				
8	7.05 a m	"	53 Howard ave.	Alonso P. Stone	Alonso P. Stone	"	"	Burning soot	8				
8	4.00 p m	"	Page st.	Est. L. A. Plummer				Brush fire	4				
11	2.45 p m	"	11 Maple st.	Est. Chas. H. Pierce	George L. Olivier	Dwelling	Wood	Burning soot	4				
17	9.30 p m	"	51 Tremont st.	A. H. Pope	C. A. Lucier	"	"	"	1				
18	10.43 a m	"	78 Mt. Pleasant st.	Jean B. Dion	Jean B. Dion	"	"	Burning rubbish	7				
21	7.43 p m	"	83 Mt. Pleasant st.	Ludger Poisson	Ludger Poisson	"	"	Burning curtains	7				
24	11.00 a m	"	68 N. Second st.	John Hatch	N. T. Thatcher	Pip'g shop	"	Defective oil stove	1	\$70.00	\$166.00	\$3,500.00	\$1,500.00
25	3.30 p m	"	Riverside ave.	Manomet Mill	N. E. Adams			Burning tar	8				
26	11.35 a m	"	74 Hillman st.	T. W. Cole	T. W. Cole	Dwelling	Wood	Sparks from chimney	6	102.30	25.45	2,000.00	1,000.00
26	4.55 p m	"	143 Purchase st.	E. P. Haakins	A. G. Alley, Jr.	Store	"	Explosion of oil lamp	1		137.75		5,700.00
26	6.25 p m	124	301 Sawyer st.	Mrs. John Fredette	Mrs. Fredette and others	Dwelling	"	Children and matches	2	536.00		1,500.00	
27	11.20 a m	Still	1022 Acush. av.	C. C. Tilton	Mrs. Therrien	"	"	Burn'g clothes	2		4.00		500.00
27	4.55 p m	"	8 Dover st.	Est. B. H. Waite	Mrs. B. F. Johnson	"	"	Defective flue	1	94.74		800.00	
										\$862.04	\$333.20	\$7,800.00	\$5,700.00

RECORD OF SIGNAL FIRES. (Continued).

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of building	Cause	Responded to by				Damage to building	Damage to contents	Insurance on building	Insurance on contents
Dec. 2	6.05 p m	135	248 Coggeshall st.	M. Wischnietzky	M. Tarnopol	Dry goods store	Wood	Unknown	Engines 1-8	Ladder 2	Chemical 1	Hose 2	\$674.00	\$501.00	\$5,492.42	\$2,000.00
	10.47 p m	45	Allen and Bonney sts	Est. H. F. Palmer	A. J. Allen & Co.	Drug store	"	"	4-6	3	1		106.57	819.48	3,200.00	3,500.00
3	8.24 a m	Still	321 Cedar st.	F. M. Sparrow	Herbert Highton	Dwelling	"	Children and matches	7							
	10.50 a m	48	555 S. Water st	F. P. Sarmento	Manuel Perry	"	"	Burning bed	4-6	3	1		15.00		2,000.00	
5	6.30 p m	127	812 Purchase st	R. Mechaber & S'ns	R. Mechaber & S'ns	Dry goods store	"	Careless use of matches	1-7	2	1	2	60.00	1,786.57	4,600.00	7,800.00
6	11.15 p m	Still	138 Purchase st	Hope G. Gifford	S. G. Patterson	Store	"	Defective oil stove			1					
7	7.55 a m	"	399 County st.	Walter S. Thornton	Walter S. Thornton	Dwelling	"	Burning soot	4							
	12.58 p m	127	740 Purchase st	Samuel T. Lee	Etta T. Lee	Variety store	"	Lamp exploded	1-7	2	1	2	1,584.00	4,338.12	3,500.00	6,000.00
11	10.40 a m	3	Out of City—Acushnet						8-9	2		2				
15	7.10 a m	Still	73 Allen st.	Est. H. M. Bonney	Chas. Dunham and others	Dwelling	Wood	Thawing water pipes	4				138.00		1,800.00	
	11.05 a m	9	Wamsutta st.	N. Y. N. H. & H. R. R.	N. Y. N. H. & H. R. R.	Shed	"	Overheated	1-8	2	1	2				
17	9.30 a m	Still	464 Acush. ave.	Rob't Coggeshall	Geo. Cram	Dwelling	"	Burning soot			1					
	1.25 p m	"	369 Acush. ave.	Mrs. Ellen Morrissey	Mrs. Ellen Morrissey	"	"	Overheated stove pipe	4				28.00	9.50	1,000.00	300.00
	10.55 p m	"	368 Acush. ave.	F. W. Andrews	Oscar F. Aldrich	"	"	Burning soot	4							
21	6.50 p m	"	674 Purchase st	Est. Geo. Pelau	Max Pfaffensteller	Smoke house	"	Smoking fish	1							

RECORD OF SIGNAL FIRES. (Continued)

Date	Time	Signal	Location	Owner or Agent	Occupant	Occupied as	Class of building	Cause	Responded to by				Damage to building	Damage to contents	Insurance on building	Insurance on contents
Dec. 22	6.19 p m	61	203 Weld st.	John B. Sullivan	Alfred Bolton	Dwelling	Wood	Overheated stove pipe	Engines	Ladder	Truck	Chemical	Hose			
24	9.46 a m	126	168 N. Front st.	Geo. Laforest	Geo. Laforest	"	"	Burn'g clothes	1-5	2	1	2				
	11.12 a m	Still	16 Howland st.	Joseph Dias	Joseph Francis	"	"	Burning soot	1-8	2	1	2				
	2.48 p m	56	106 Rivet st	Mrs. Clara Couet	Fred H. Delege	"	"	Burning rags	6	3	1					
25	10 20 a m	Still	49 Fifth st.	Mrs. Chas. Seabury	Dr. F. L. Clark	"	"	Burning soot	4-6	4	3	1		1,554.00	750.00	3,100.00
26	4.56 p m	56	787 S. Water st.	S. T. Lee	Hub Clothing Co. and others	Stores	"	Unknown	4-6	3	1					
	7.50 p m	Still	788 S. Water st.	S. T. Lee	A. Levy	Dwelling	"	"	6							
														\$4,156.57	\$8,198.67	\$25,425.42 \$22,700.00

RECORD OF NO-SIGNAL FIRES.

Date	Time	Location	Owner or Agent	Occupant	Occupied as	Class of Building	Damage to Building	Damage to Contents	Insurance on Building	Insurance on Contents
April 28	3.45 p m	Coffin ave.	Whitman Mills	Whitman Mills	Storehouse	Brick				
May 4		Acushnet ave. and Sawyer st.		Boulas & Laplante	Drug store	Wood		\$20.64		\$3,000.00
9	6.25 a m	Gifford st.	Hathaway Mfg. Co	Hathaway Mfg. Co	Picker room	Brick		183.02		
9		457 Coggeshall st.		Joseph Outmet	Dwelling	Wood		9.00		500.00
20 June	2.30 p m	Grinnell st.	City Mfg. Corp.	City Mfg. Corp.	Card room	Brick		600.00		
21		325 So. Water st.	Bessie Genenaky	Samuel Genenaky and others	Stores and dwelling	Wood	\$4.95		\$1,800.00	
25 July		Kilburn st.	Grinnell Mfg. Corp.	Grinnell Mfg. Corp.	Spinning room	Brick		1,000.00		
26 Aug.		428 County st.	John T. Bullard	John T. Bullard	Dwelling	Wood		15.00		5,000.00
3		500 Acushnet av.	Rodolphus Beetle		"	"	3.00		1,000.00	
16		39 Dean st.	Napoleon Goulet		"	"	8.00		2,000.00	
18		157 Middle st.	Elizabeth Williams		"	"	85.00		1,500.00	
21 Sept.		Cedar and Locust sts.	Mark E. Sullivan		"	"	10.19		2,000.00	
23	5.00 p m	Orchard st.	Gosnold Mills Co.	Gosnold Mills Co.	Mule room	Brick		75.49		
25		Rotch ave. and Union st.	Ellen E. Reed	Ellen E. Reed	Dwelling	Wood		2.00	2,500.00	1,000.00
27		122 Bedford st.	Francis E. Tucker	Francis E. Tucker	"	"		50.00		1,500.00
29 Dec.	10.00 a m	Orchard st.	Gosnold Mills Co.	Gosnold Mills Co.	Mule room	Brick		50.08		
31		205 State st.	Michael Driscoll		Dwelling	Wood	12.75		1,000.00	
3		145 Summer st.	Susan R. N. Ruggles	Susan R. N. Ruggles	"	"	2.09		1,500.00	
6		26 Arnold place	Emma T. Bourne	Emma T. Bourne	"	"		7.30		2,000.00
8		219 Summer st.	Mrs. Clifford Baylies	Otis P. Cook	"	"	13.50	5.00	1,500.00	1,000.00
25		45 Bowditch st.	David Cantor		"	"	2.10		2,000.00	
28							\$142.18	\$2,017.53	\$18,600.00	\$14,000.00

RECAPITULATION.

	<i>Damage to Buildings.</i>	<i>Damage to Contents.</i>	<i>Insurance on Buildings.</i>	<i>Insurance on Contents.</i>
January,	\$1,150.00		\$ 2,000.00	
February,	1,059.63	175.00	4,200.00	
March,	1,383.00	1,448.08	41,900.00	12,700.00
April,	48.90	176.89	2,000.00	900.00
May,	105.55	45.00	12,000.00	500.00
June,		25.00		
July,	232.00	180.44	6,700.00	3,200.00
August,	945.54	442.40	12,400.00	4,350.00
September,	1,171.63	200.00	9,900.00	800.00
October,	2,068.15	7,747.47	57,500.00	47,150.00
November,	862.04	333.20	7,800.00	8,700.00
December,	4,156.57	8,196.67	25,425.42	22,700.00
Signal fires — Totals,	\$18,173.01	\$18,970.15	\$181,825.42	\$101,000.00
No-signal fires “	142.18	2,017.53	18,600.00	14,000.00
	\$18,315.19	\$20,987.68	\$200,425.42	\$115,000.00
Total losses,			\$34,302.87	
Total reported insurance,			315,425.42	

Fire Alarm Telegraph, 1904.

SUPERINTENDENT,
EDWARD F. DAHILL, Chief Engineer.

ASSISTANT SUPERINTENDENT,
DANIEL D. BRIGGS.
Residence, 53 Bedford street. Office, City Hall.

LOCATION OF SIGNAL BOXES.

- No.
3 Lund's Corner
4 Mt. Pleasant st., near Reservoir
5 Durfee and Cottage sts
6 Hazard and State sts
7 Purchase and Franklin sts
8 County and Pearl sts
9 Wamsutta st and Acushnet ave
12 Shawmut ave and Durfee st
13 Cedar and Locust sts
14 Purchase and Willis sts
15 Smith and Cedar sts
16 County and Hillman sts
17 Maxfield st and Acushnet ave
18 Purchase and North sts
19 State and Sycamore sts
21 North and Water sts
23 Kempton and Liberty sts
24 Kempton and Cedar sts

- 25 County and Kempton sts
- 26 Water and Middle sts
- 27 Purchase st and Mechanics lane
- 28 Court and Cedar sts
- 29 Arnold and Ash sts
- 31 Acushnet ave and Union st
- 32 Union and Eighth sts
- 34 Union and Water sts
- 35 Fourth and School sts
- 36 Walnut and Water sts
- 37 Clinton and Orchard sts
- 38 Bedford and Sixth sts
- 39 Acushnet ave and Caannon st
- 41 Hawthorn and Page sts
- 42 Allen and Page sts
- 43 Walnut and Seventh sts
- 45 Allen and Dartmouth sts
- 46 South Water and Leonard sts
- 47 County and Grinnell sts
- 48 Water and South sts
- 49 Second and Howland sts
- 51 Dartmouth and Rockland sts
- 52 Fourth st, head of Potomska
- 53 Crapo and Rivet sts
- 56 South Water and Rivet sts
- 57 Mosher and County sts
- 58 South Water and Cove sts
- 59 Dartmouth and Dunbar sts
- *61 Union St. Railway Car Hou-e
- *62 Grinnell Mills
- *63 Wamsutta Mills
- *64 New Bedford Manufacturing Co
- *65 Hathaway, Soule & Harrington
- *67 New Bedford Cordage Factory
- *68 New Bedford Copper Works
- *69 Dawson's Brewery

- *71 Pairpoint Manufacturing Co.
- *72 Young & Kimball's Oil Works
- *73 Potomska Mills
- *74 Acushnet Mills
- *75 Morse Twist Drill Co.
- *76 City Manufacturing Co.
- *78 Dartmouth Mills
- *79 Butler Mill
- *81 Howland Mills
- *82 Hathaway Mills
- *83 Rotch Mills
- 84 Water and Coffin sts
- *85 N. B. Gas & Edison Light Co.
- *86 Old Colony Steamboat Co.
- *91 Bennett Mills
- *92 Z. B. Davis, Pope st
- *93 Pierce Mills
- *94 Old Colony Fre't Depot, Pearl st
- *95 Bristol Mills
- *96 Columbia Mills
- *97 Whitman Mills
- 113 Merrimac and Summer sts
- 116 Hillman and Ash sts
- 123 Acushnet ave and Davis st
- 124 Acushnet ave and Sawyer st
- 125 Cor. Bowditch and Weld st
- 126 Cedar Grove and North Front st
- 127 Purchase and Linden sts
- 128 County and Penniman sts
- 129 Purchase st and Coffin ave
- 131 Acushnet ave and Perry st
- 132 Acushnet ave. and Belleville rd
- 134 Belleville ave and Nye st
- 135 Belleville ave and Coggeshall st
- *136 Soule Mill
- *143 A. L. Blackmer Co.

- *145 Power Station, foot of Middle st
- *146 Car House, Pope's Island
- 223 Court and Tremont sts
- 224 Kempton and Reed sts
- 225 Kempton and Florence sts
- 226 Rodman and Front sts
- 227 Fish Island
- 581 City Almshouse
- 583 Brock ave, near Butler st
- 584 Cove st and East French ave
- *971 Manomet Mills
- *Private boxes

Ten blows struck twice, Military
 Call. Company E, First Regiment,
 will assemble at Armory.
 Fifteen blows struck twice, Military
 Call. G Company, Naval Reserves,
 will assemble at Armory.
 2-2-2 struck four times, Police Call.
 121 struck twice, General Alarm.
 2-2 struck twice, No School Signal.

LOCATION OF HYDRANTS.

Abbott street, northwest corner of Ruth avenue.....
 Acushnet av, west side, north of Tarkiln Hill road, 3743.2 ft.
 Acushnet av, west side, north of Tarkiln Hill road, 2986.7 ft.
 Acushnet av, west side, north of Tarkiln Hill road, 2392.7 ft.
 Acushnet av, west side, north of Tarkiln Hill road, 1783.3 ft.
 Acushnet av, west side, north of Tarkiln Hill road, 1195.3 ft.
 Acushnet av, west side, north of Tarkiln Hill road, 542 feet.
 Acushnet av, southwest corner Tarkiln Hill road
 Acushnet av, west side, south of Tarkiln Hill road, 500 feet.
 Acushnet av, west side, south of Tarkiln Hill road, 997 feet
 Acushnet av, west side, north of Howard avenue, 600 feet..
 Acushnet av, west side, north of Howard avenue, 6 feet....
 Acushnet av, west side, south of Howard avenue, 601 feet..
 Acushnet av, west side, north of Shaw, 610 feet.....
 Acushnet av, northwest corner of Shaw
 Acushnet av, west side, north of Belleville road, 603.5 feet..
 Acushnet av, west side, head of Belleville road
 Acushnet av, northwest corner of Nash road
 Acushnet av, northwest corner of Hathaway avenue.....
 Acushnet av, northwest corner of Davis
 Acushnet av, southwest corner of Phillips avenue.....
 Acushnet av, southwest corner of Dean
 Acushnet av, west side, north of Sawyer, 574.5 feet
 Acushnet av, southwest corner of Coggeshall
 Acushnet av, southwest corner of Cedar Grove
 Acushnet av, northwest corner of Logan
 Acushnet av, west side, south of Logan, 335 feet
 Acushnet av, west side, north of Wamsutta, 514 feet.....
 Acushnet av, west side, north of Wamsutta, 372 feet
 Acushnet av, west side, south of Wamsutta, 255 feet. Flush.
 Acushnet av, southeast corner of Pope. Flush
 Acushnet av, west side, south of Campbell, 179 feet. Flush..
 Acushnet av, northwest corner of Maxfield. Flush
 Acushnet av, northwest corner of Kempton. Flush
 Acushnet av, northeast corner of Elm
 Acushnet av, northwest corner of William
 Acushnet av, northwest corner of School
 Acushnet av, northwest corner of Madison

Acushnet av, northwest corner of Russell
 Acushnet av, northwest corner of Bedford.....
 Acushnet av, west side, opposite Howland. Flush.....
 Acushnet av, northwest corner of Potomska
 Acushnet av, west side, north of Rivet, 98 feet.....
 Acushnet av, southwest corner of Blackmer. Flush.....
 Adams street, south side, west of County, 538.3 feet.....
 Allen street, south side, west of Rural, 445 feet.....
 Allen street, southwest corner of Clover.....
 Allen street, southwest corner of Page.....
 Allen street, north side, east of Page, 159 feet. Flush
 Allen street, northwest corner of Ward. Flush.....
 Arch street, southwest corner of Union. Flush.....
 Armour street, southwest corner of Union
 Arnold place, west side, south of Rotch court, 38.3 feet....
 Arnold street, south side, west of Orchard, 96 feet.....
 Arnold street, southwest corner of Chancery. Flush.....
 Arnold street, southeast corner of Atlantic.....
 Arnold street, south side, west of James, 15.3 feet.....
 Ash street, northwest corner of Middle.....
 Ash street, southwest corner of Morgan.....
 Ash street, northwest corner of Arnold. Flush.....
 Ash street, northwest corner of Maple. Flush.....
 Ash street, northwest corner of Bedford.....
 Ashland street, southwest corner of Clark.....
 Ashley street, west side, south of Cove (west), 247 feet.....
 Atlantic street, northwest corner of Maple.....
 Atlantic street, southwest corner of Union.....
 Austin street, southwest corner of Purchase.....
 Austin street, southeast corner of State.....
 Austin street, southwest corner of Ashland
 Austin street, southeast corner of Cedar.....
 Austin street, south side, on west line of Wilson.....
 Austin street, southeast corner of Shawmut avenue.....
 Austin street, south side, west of Shawmut avenue, 108 feet
 Babbitt street, south side, west of Dartmouth, 207.5 feet..
 Babbitt street, southeast corner of Field.....
 Bedford street, southwest corner of Fourth.....
 Bedford street, southwest corner of Fifth.....
 Bedford street, southwest corner of County
 Bedford street, southwest corner of Orchard.....
 Beech street, northwest corner of Kempton
 Beetle street, southwest corner of Howard.....

Beetle street, southeast corner of Front	
Belleville avenue, south of Tarkiln Hill road, 320 feet.....	
Belleville avenue, southwest corner of Washburn.....	
Belleville avenue, west side, north of Washburn, 118 feet..	
Belleville avenue, northwest corner of Cedar Grove.....	
Belleville avenue, west side, north of Coggeshall, 134 feet..	
Belleville avenue, northwest corner of Beetle.....	
Belleville avenue, southwest corner of Collette	
Belleville avenue, west side, north of Howard ave, 143 feet	
Belleville road, southwest corner of Diman	
Belleville road, south side, east of Acushnet avenue, 1392 ft.	
Blackmer street, south side, east of Front, 284 feet.....	
Blackmer street, south side, east of Front, 575 feet.....	
Blackmer street, south side, east of Front, 738 feet.....	
Blackmer street, south side, east of Front, 904 feet.....	
Bolton road, west side, north of Rivet, 370 feet.....	
Bolton road, west side, north of Rotch Mill No. 2.....	
Bolton road, west side, south of Rotch Mill No.2.....	
Bolton road, west side, south of Rivet, 1027 feet.....	
Bolton road, northwest corner of Poplar road.....	
Bonney street, southwest corner of Allen	
Bonney street, northwest corner of Grinnell.....	
Bonney street, northwest corner of Rockland.....	
Bonney street, southwest corner of Thompson.....	
Borden street, northwest corner of Bedford.....	
Borden street, southwest corner of Bay.....	
Bowditch street, southwest corner of Weld.....	
Bowditch street, west side, south of Cedar Grove, 313 feet..	
Bowditch street, west side, north of Cedar Grove, 244 feet.	
Bowditch street, northwest corner of Coggeshall.....	
Bowditch street, southwest corner of Dean	
Bowditch street, southwest corner of Coffin avenue.....	
Bowditch street, west side, north of Coffin avenue, 358 feet.	
Bowditch street, southwest corner of Davis.....	
Bowditch street, southwest corner Hathaway avenue.....	
Bridge, north side, east from east line main building, Union	
Street Railway Co. car barn, 426.3 feet. Flush	
Bridge, north side, east from east line main building, Union	
Street Railway Co. car barn, 158.5 feet. Flush	
Bridge, south side, east from west line main building, Union	
Street Railway Co. car barn, 14.2 feet. Flush	
Bridge, south side, on Fish Island, west from west line of iron	
plate over east abutment Fish Island, 88 feet.....	

Bridge, south side, on Fish Island, east from west line 40 foot way (south), 114 feet	
Bridge street, south side, east of Front street, 200 feet....	
Briggs street, west side, north of Rivet street, 303 feet....	
Brock avenue, southwest corner of David.....	
Brock avenue, southwest corner of Woodlawn avenue.....	
Brock avenue, southwest corner of Willard.....	
Brock avenue, southwest corner, first street south Norman.	
Brock avenue, west side, south of Butler, 1063 feet.....	
Brock avenue, west side, south of Butler, 2538.1 feet.....	
Brock avenue, northwest corner Marine avenue.....	
Brownell street, west side, south of Union 387 feet.....	
Bullard street, southwest corner of Belleville avenue.....	
Bullard street, southeast corner of Front.....	
Bullard street, southeast corner of Bowditch.....	
Bullock street, southwest corner of Trinity.....	
Butler street, south side, east from Brock av, 1635 ft. Flush	
Butler street, southwest corner of Fern.....	
Campbell street, southwest corner of Purchase.....	
Campbell street, south side, east of County, 163 feet. Flush	
Campbell street, south side, west of County, 216.5 feet....	
Campbell street, southwest corner of Cottage.....	
Campbell street, south side, east of Shawmut av. 205 ft. Flush	
Cannon street, south side, east of Second, 164 feet.....	
Cedar street, northwest corner of Elm.....	
Cedar street, southwest corner of Kempton. Flush.....	
Cedar street, west side, north of Mill, 75 feet. Flush....	
Cedar street, southwest corner of Hillman. Flush.....	
Cedar street, northwest corner of Sycamore. Flush.....	
Cedar street, southwest corner of Campbell. Flush.....	
Cedar street, southwest corner of Parker. Flush.....	
Cedar Grove street, southeast corner of Front.....	
Cedar Grove street, southeast corner of Howard.....	
Cedar Grove street, south side, west of Bowditch, 383 feet	
Cedar Grove street, northwest corner of Purchase.....	
Cedar Grove street, southwest corner of County.....	
Centre street, south side, east of Water, 85 feet. Flush...	
Chancery street, southwest corner of Maple.....	
Chancery street, west side, north of Arnold, 406 feet.....	
Chancery street, southwest corner of Elm	
Chancery street, northwest corner of Willis	
Chancery street, west side, north of Parker, 650 feet	

Chepachet street, northwest corner of Court.....
 Chepachet street, west side, south of Kempton, 531 feet....
 Cherry street, southeast corner of Seventh. Flush
 Chestnut street, southwest corner of North. Flush.....
 Chestnut street, west side, north of Campbell, 96 feet....
 Chestnut street, southwest corner of Merrimac.....
 Church street, west side, north of Belleville road, 300 feet..
 Church street, southwest corner of Nash road.....
 Church street, southwest corner of Hathaway avenue.....
 Church street, west side, north of Coffin avenue, 591.4 feet..
 Clark street, southwest corner of State.....
 Clark street, south side, west of County, 218 feet.....
 Clay street, northwest corner of Columbia.....
 Cleveland street, northwest corner of Ruth.....
 Cleveland street, west side, south of Ruth, 478 feet.....
 Clinton street, south side, west of County, 224.6 feet.....
 Clinton street, south side, west of Ash, 242.5 feet.....
 Coffin avenue, southwest corner of Church.....
 Coffin avenue, south side, opposite Onoko Lane.....
 Coffin avenue, southeast corner of Front.....
 Coffin avenue, southwest corner of Belleville avenue.....
 Coffin avenue, northwest corner of Riverside avenue.....
 Coffin avenue, south side, east of Riverside avenue, 227 feet
 Coffin avenue, north side, east of Riverside avenue, 414 feet
 Coffin street, southwest corner of Water
 Coffin street, north side, east of Water, 262 feet
 Coggeshall street, south side, east of Mitchell, 654 feet....
 Coggeshall street, south side, east of Mitchell, 498 feet..
 Coggeshall street, south side, east of Mitchell, 334 feet....
 Coggeshall street, north side, east of Mitchell, 148 feet....
 Coggeshall street, southeast corner of Belleville avenue....
 Coggeshall street, southwest corner of Front.....
 Coggeshall street, southwest corner of Purchase.....
 Coggeshall street, southeast corner of County.....
 Coggeshall street, south side, west of County 384 feet....
 Coggeshall street, south side, west of Jean, 203 feet.....
 Collette street, south side, east of Church, 580 feet.....
 Collette street, south side, east of Bowditch, 238 feet.....
 Collette street, south side, east of Acushnet avenue, 275 ft..
 Collins street, southeast corner of Glover.....
 Columbia street, southwest corner of Allen.....
 Commercial street, north side, east of Front, 82 feet.....
 Cottage road, south side, west of Bolton road, 435 feet.....

Cottage street, southwest corner of Bay.....
 Cottage street, northwest corner of Allen.....
 Cottage street, northwest corner of Bedford. Flush.....
 Cottage street, southwest corner of Arnold.....
 Cottage street, southwest corner of Union.....
 Cottage street, southwest corner of Court.....
 Cottage street, southwest corner of Kempton.....
 Cottage street, southwest corner of Mill.....
 Cottage street, southwest corner of North.....
 Cottage street, southwest corner of Hillman.....
 Cottage street, northwest corner of Sycamore.....
 Cottage street, northwest corner of Parker.....
 Cottage street, west side, north of Locust, 237 feet.....
 Cottage street, southwest corner of Durfee.....
 County street, southwest corner of Tallman.....
 County street, southwest corner of Sawyer.....
 County street, southeast corner of Penniman.....
 County street, west side, south of Clark, 234.5 feet.....
 County street, west side, south of Weld, 115 feet.....
 County street, southwest corner of Austin.....
 County street, west side, head of School.....
 County street, southwest corner of Madison.....
 County street, southwest corner of Hawthorn.....
 County street, northwest corner of Allen.....
 County street, southwest corner of Grinnell.....
 County street, northwest corner of South.....
 County street, northwest corner of Scott.....
 County street, northwest corner of Cove road.....
 Court street, southwest corner of Orchard.....
 Court street, southeast corner of Cedar.....
 Court street, northeast corner of Ash.....
 Court street, southwest corner of Emerson.....
 Court street, south side, west from Park, 304 feet. Flush..
 Court street, south side, head of Jenney.....
 Court street, south side, east of Reed, 300 feet.....
 Cove road, southwest corner of West French avenue.....
 Cove road, southwest corner of Shore street.....
 Cove road, north side, west of County, 365 feet.....
 Cove street, southwest corner of Cleveland avenue.....
 Cove street, southwest corner of Harrison avenue.....
 Cove street, southwest corner of Salisbury.....
 Cove street, southwest corner of Viall.....
 Cove street, southwest corner of McGurk.....

Cove street, southwest corner of West French avenue....
Crapo street, west side, south of Washington, 343 ft. Flush
Crapo street, west side, south of Rockland, 225 feet.....
Crapo street, west side, south of Thompson, 160 feet.....
Dartmouth street, east side, southwest of Orchard, 110 ft.
Dartmouth street, east side, south of Hickory, 125 feet....
Dartmouth street, east side, south of Rockland, 260 feet..
Dartmouth street, east side, south of Thompson, 99 feet....
Dartmouth street, southeast corner of Larch.....
Dartmouth street, northeast corner of Dunbar.....
David street, southeast corner of West French avenue..
Davis street, southwest corner of Riverside avenue.....
Davis street, south side, east of Front, 321.8 feet.....
Davis street, southwest corner of Front.....
Davis street, south side, east of Church, 555 feet.....
Dean street, southwest corner of Belleville avenue.....
Dean street, southeast corner of Front.....
Delano street, southwest corner of WaterDelano street, southeast corner of Acushnet avenue.....
De Wolf street, west side, north of Durfee, 229 feet.....
Diman street, southwest corner of Whitman.....
Diman street, west side, south of Whitman, 149 feetDivision street, southeast corner of Second.....
Division street, southeast corner County.....
Division street, south side, west of County, 527 feet.....
Division street, south side, east of Crapo, 6 feet.....
Dudley street, south side, east of West French av., 122 ft.
Dudley street, south side, west of Brock avenue, 607 feet..
Dunbar street, southwest corner of Hemlock.....
Durfee street, southwest corner of Cedar.....
Durfee street, southwest corner of Bullock.....
Durfee street, southwest corner of Shawmut avenue.....
Durfee street, south side, west of Shawmut avenue, 186.6 ft.
Earle street, southwest corner of Riverside avenue.....
Earle street, south side, west of Belleville avenue, 135 feet.
Earle street, south side, east of Acushnet avenue, 274.2 feet
East French avenue, west side, south of Cove, 807.2 feet..
East French avenue, northwest corner of Abbott.....
Edward street, south side, east of Field, 90 feet.....
Edward street, south side, west of Dartmouth street, 157 ft.
Elm street, southwest corner of Purchase.....
Elm street, southwest corner of Pleasant.....
Elm street, southwest corner of Eighth.....

Elm street, southwest corner of Summer. Flush.....
 Elm street, southwest corner of Florence.....
 Elm street, southeast corner of Palmer.....
 Emerson street, west side, north of Arnold, 173.8 feet....
 Eugenia street, south side, east of Diman, 464 feet.....
 Fair street, southwest corner of Briggs.....
 Fairmount street, south side, west of Rockdale avenue, 182 ft.
 Field street, northwest corner of Stowell.....
 Fifth street, southwest corner of Union.....
 Fifth street, southwest corner of School.....
 Fifth street, west side, south of Madison, 245 feet. Flush..
 Fifth street, northwest corner of Wing.....
 Fifth street, northwest corner of Grinnell.....
 First street, southwest corner of Spring. Flush.....
 First street, west side, south of School, 109 feet. Flush....
 First street, west side, south of Howland, 185 feet. Flush..
 First street, northwest corner of Potomska.....
 First street, west side, north of Jennings court, 29 feet....
 First street, west side, south of Cove, 141 feet.....
 Florence street, southwest corner of Hillman.....
 Florence street, northwest corner of Mill.....
 Florence street, West side, south of Kempton, 199.6 feet..
 Florence street, southwest corner of Morgan.....
 Forest street, south side, west of County, 90 feet. Flush..
 Foster street, southwest corner of High.....
 Fourth street, southwest corner of Union. Flush.....
 Fourth street, west side, north of School, 106 feet. Flush..
 Fourth street, west side, south of Madison, 210 feet.....
 Fourth street, east side, opposite Washington.....
 Fourth street, northwest corner of Rockland. Flush.....
 Fourth street, west side, south of Potomska, 61 feet.....
 Franklin street, southwest corner of Purchase.....
 Franklin street, southwest corner of Pleasant. Flush....
 Franklin street, southwest corner of State.....
 Front street, southwest corner of Whitman.....
 Front street, west side, south of Whitman, 393 feet.....
 Front street, southwest corner of Holly.....
 Front street, west side, south of Washburn, 319 feet. Flush
 Front street, southwest corner of Logan.....
 Front street, west side, south of Logan, 190.2 feet.....
 Front street, west side, south of Logan, 383 feet.....
 Front street, west side, north of Wamsutta, 235.2 feet....
 Front street, southeast corner of Wamsutta.....

Front street, east side, foot of Middle. Flush.....	
Front street, southwest corner of Middle.....	
Front street, southwest corner of Hazard's lane. Flush....	
Front street, northwest corner of Rodman.....	
Front street, southwest corner of Centre. Flush	
Front street, west side, south of Commercial, 86 feet. Flush	
Front street, northwest corner of lane head of Merrill's Wharf. Flush.	
Front street, west side, south of Howland, 268 feet.....	
Front street, southwest corner of Grinnell.....	
Front street, west side, south of South, 330 feet.....	
Front street, southwest corner Rivet street.....	
Front street, west side, north of Delano, 191 feet.....	
Front street, west side, south of Delano, 200 feet.....	
Fruit street, south side, east of Hemlock, 126.5 feet.....	
Fruit street, south side, west of Mulberry, 25.5 feet.....	
George street, southeast corner of West French avenue..	
Gifford street, south side, east of Water, 274 feet.....	
Gifford street, south side, west of Harbor, 167.8 feet.....	
Gifford street, southeast corner of Harbor.....	
Gifford street, south side, east of Harbor, 299.3 feet.....	
Grand street, south side, west of Shawmut avenue, 750 feet	
Granfield street, west side, north of Coggeshall, 263 feet....	
Grape street, south side, west of Lewis, 131 feet.....	
Grape street, southwest corner of Small.....	
Grape street, southwest corner of Devoll.....	
Grape street, south side, west of Rural, 137 feet.....	
Griffin street, southwest corner of Second. Flush.....	
Grinnell street, south side, west of Acushnet avenue, 76 feet. Flush	
Grinnell street, south side, east of Crapo, 103 feet. Flush..	
Grinnell street, southwest corner of Orchard.....	
Grit street, southwest corner of West French avenue.....	
Grove street, southwest corner of Anthony.....	
Grove street, southwest corner of Cottage.....	
Harbor street, east side, north of Cove, 195 feet.....	
Harbor street, east side, north of Cove, 372 feet.....	
Harbor street, east side, north of Cove, 540 feet.....	
Harbor street, east side, south of Gifford, 195.8 feet.....	
Harmony street, southwest corner of Social.....	
Harrison street, southwest corner of Hickory.....	
Hathaway street, south side, east of Front street, 260 feet..	
Hathaway street, southwest corner of Front.....	
Hathaway street, south side, east of Church street, 497 feet	

Hawthorn street, southwest corner of Cottage.....
 Hawthorn street, southeast corner of Page. Flush.....
 Hawthorn street, south side, east of Tremont, 147 feet....
 Hawthorn street, southwest corner of Brigham.....
 Hawthorn street, south side, west of Brigham, 301 feet....
 Hazard street, southwest corner of County.....
 Hazard street, south side, west of State, 140 feet. Flush..
 Hazard street, southwest corner of Pleasant. Flush.....
 Hazard street, southwest corner of Purchase.....
 Hemlock street, west side, south of Rockland, 231 feet....
 Hicks street, south side, east of Acushnet avenue, 276 feet
 High street, south side, east of Acushnet avenue, 43 feet.
 Flush
 High street, southwest corner of Purchase.....
 High street south side, east of County, 177 feet. Flush....
 Highland street, west side, north of Durfee, 418.4 feet....
 Hillman street, southwest corner of Second. Flush.....
 Hillman street, southwest corner of Purchase.....
 Hillman street, southwest corner of Pleasant.....
 Hillman street, head of State.....
 Hillman street, head of Thomas
 Hillman street, southwest corner of Chancery.....
 Hillman street, south side, east of Newton, 92 feet.....
 Hillman street, south side, east of Florence, 609.5 feet....
 Hillman street, southwest corner of Lindsey.....
 Hillman street, southeast corner of Rockdale avenue....
 Holly street, southwest corner of Belleville avenue.....
 Holly street, southwest corner of Bowditch.....
 Holly street, southeast corner of Brook.....
 Hollyhock street, south side, east of Field, 410 feet.....
 Homer street, southwest corner of Locust.....
 Howard avenue, southwest corner of Belleville avenue....
 Howland street, northeast corner of Second. Flush.....
 Howland street, south side, west of Prospect, 19.2 feet.....
 Hunter street, southwest corner of Hillman.....
 Independent street, south side, west of County, 480 feet..
 Independent street, southeast corner of Crapo.....
 Irving court, north end of Court. Flush.....
 James street, west side, north of Arnold, 107 feet.....
 James street, southwest corner of Court.....
 Jenney Lind street, southwest corner of Hillman.....
 Jenney Lind street, west side, north of Kempton street,
 1167 feet.....

Jenney Lind street, west side, south of Kempton, 377 feet
 Jouvette street, south side, west of County, 534 feet.....
 Jouvette street, southeast corner of Crapo.....
 Katherine street, southeast corner of Crapo.....
 Katherine street, south side, west of County, 442 feet.....
 Keene street, south side, west of Park, 434 feet.....
 Kempton street, southwest corner of Purchase.....
 Kempton street, southwest corner of Pleasant.....
 Kempton street, south side, opposite Hill.....
 Kempton street, southwest corner of County.....
 Kempton street, southwest corner of Summer.....
 Kempton street, southwest corner of Emerson. Flush....
 Kempton street, southwest corner of Park.....
 Kempton street, southwest corner of Liberty.....
 Kempton street, southeast corner of Jenney. Flush.....
 Kempton street, south side, west of Hunter, 50 feet.....
 Kempton street, southwest corner of Rockdale avenue....
 Kempton street, southeast corner of Chepachet.....
 Kempton street, south side, opposite Jenney Lind street....
 Kenyon street, south side, west of Front street, 378 feet....
 Kilburn street, north side, east of Front, 244 feet.....
 Kilburn street, north side, east of Front, 581 feet.....
 Larch street, south side, east of Mullberry, 120 feet.....
 Larch street, south side, east of Hemlock, 129 feet.....
 Leonard street, south side, east of Water, 216 feet. Flush..
 Liberty street, west side, south of Kempton, 339 feet. Flush
 Liberty street, west side, north of Court, 164 feet.....
 Lincoln street, west side, south of Union, 171 feet. Flush
 Linden street, southwest corner of Purchase.....
 Linden street, south side, west of State, 13.5 feet.....
 Linden street, south side, west of County, 169 feet.....
 Linden street, south side, west of Reynolds, 67.5 feet..
 Linden street, south side, east of Ashland, 6.5 feet.....
 Lindsey street, west side, south of Kempton, 173 feet....
 Lindsey street, northwest corner of Morgan.....
 Locust street, southwest corner of County.....
 Locust street, southwest corner of Chestnut.....
 Locust street, southwest corner of Richmond.....
 Logan street, south side, east of Acushnet av., 400 ft. Flush
 Logan street, south side, opposite Bowditch.....
 Logan street, southeast corner of Purchase.....
 Lombard street, west side, north of Thompson. 107 feet..
 Lucas street, south side, west of Brock avenue, 275 feet..

Madison street, southwest corner of First. Flush.....
 Madison street, southwest corner of Water.....
 Madison street, southwest corner of Sixth.....
 Maitland street, southwest corner of Cedar.....
 Manomet street, south side, east of Riverside av, 246 feet..
 Maple street, southwest corner of Cottage.....
 Maxfield street, southwest corner of Second.....
 Maxfield street, southwest corner of Purchase.....
 Maxfield street, southwest corner of Pleasant.....
 Maxfield street, southwest corner of Foster.....
 Maxfield street, southwest corner of County.....
 Maxfield street, southwest corner of Chestnut.....
 Maxfield street, southeast corner of Spruce. Flush.....
 Maxfield street, southeast corner of Ash.....
 Maxfield street, south side, east of Chancery, 44.4 feet....
 Maxfield street, south side, east of Beech street, 127 feet..
 McGurk street, southwest corner of Social.....
 Mechanics lane, northwest corner of Purchase.....
 Mechanics lane, north side, east of Eighth, 206 feet. Flush..
 Merrimac street, southwest corner of Purchase.....
 Merrimac street, southwest corner of State.....
 Merrimac street, southwest corner of Summer.....
 Middle street, southwest corner of Water.....
 Middle street, southwest corner of Second.....
 Middle street, southwest corner of Acushnet avenue.....
 Middle street, southwest corner of Purchase.....
 Middle street, southwest corner of Pleasant.....
 Middle street, southwest corner of Sixth.....
 Middle street, southwest corner of County.....
 Middle street, south side, east of Cedar, 371 feet. Flush...
 Middle street, southeast corner of Chancery. Flush.....
 Mill street, southwest corner of Purchase.....
 Mill street, south side, west of Hill, 191 feet.....
 Mill street, southwest corner of Ash.....
 Mill street, south side, east of Park, 104 feet.....
 Mill street, southeast corner of Newton.....
 Mill street, southeast corner of Summit.....
 Milton street, south side, west of Rockdale avenue, 85
 feet
 Mitchell street, northwest corner of Coggeshall.....
 Mitchell street, west side, north of Coggeshall, 178.8 ft....
 Mitchell street, west side, south of Sawyer, 345 feet.....
 Mitchell street, southwest corner of Sawyer.....

Moorland Terrace, southwest corner of Ash.....	
Morgan street, southwest corner of County.....	
Morgan street, southwest corner of Cottage. Flush.....	
Morton's court, west side, north of Cove, 385.3 feet.....	
Mosher street, south side, west of County, 517 feet.....	
Mosher street, southeast corner of Crapo.....	
Mott street, south side, east of Brock avenue, 339 feet ..	
Mt. Pleasant street, west side, south of Tarklin hill rd., 35 feet	
Mt. Pleasant street, west side, north of Nash road, 1,671 feet	
Mt. Pleasant street, west side, north of Nash road, 348 feet	
Mt. Pleasant street, west side, north of railroad fence, 285 feet	
Mt. Pleasant street, west side, south of Hathaway road, 40 feet	
Mt. Pleasant street, west side, north of Peckham-West cemetery, 277 feet.....	
Mt. Pleasant street, west side, south of Peckham-West cemetery, 74 feet.....	
Mt. Pleasant street, west side, north of reservoir, 837 feet..	
Mt. Pleasant street, west side, north of reservoir, 450 feet..	
Mt. Pleasant street, west side, north of reservoir, 40 feet...	
Mt. Pleasant street, west side, south of Peckham, 217 feet	
Mt. Vernon street, southwest corner of Mt. Pleasant.....	
Mt. Vernon street, south east corner of Vine. Flush.....	
Mt. Vernon street, south side, east of Shawmut avenue, 241 feet	
Myrtle street, west side, south of Weld, 22 feet.....	
Myrtle street, southwest corner of Clark.	
Myrtle street, west side, north of Clark street, 274 feet....	
Nelson street, south side, west of County, 541.6 feet.....	
Nelson street, south side, west of County, 814 feet.....	
Newton street, northwest corner of Elm.....	
Norman street, south side, east of Brock avenue, 341 feet...	
North street, southeast corner of Second.....	
North street, southwest corner of Acushnet avenue.....	
North street, southwest Corner of Purchase.....	
North street, northwest corner of Pleasant.....	
North street, southwest corner of Foster.....	
North street, southwest corner of Hill.....	

North street, southwest corner of County.....	
North street, southwest corner of Emerson.....	
North street, southwest corner of Park.....	
North street, south side, west of Newton, 258 feet.....	
North street, southwest corner of Hunter.....	
North street, southwest corner of Beech.....	
Nye street, southwest corner of Belleville avenue.....	
Nye street, southwest corner of Front.....	
Nye street, south side, west of Acushnet avenue, 311.7 feet	
Oak street, southwest corner of Harrison.....	
Oak street, northwest corner of Grape.....	
Oak street, southwest corner of Allen.....	
Ocean street, west side, south of Arnold, 184.5 feet.....	
Orchard street, southwest corner of Madison.....	
Orchard street, southwest corner of Grove.....	
Orchard street, southwest corner of Fair.....	
Palmer street, northwest corner of Union.....	
Palmer street, west side, south of Elm street, 195 feet.....	
Park place, south side, west of Sixth, 306 feet. Flush.....	
Park street, southwest corner of Maxfield.....	
Park street, southwest corner of Hillman.....	
Park street, west side, south of Kempton, 339 feet.....	
Park street, northwest corner of Court.....	
Park street, west side, north of Arnold, 263 feet.....	
Parker street, south side, at Oak Grove Cemetery.....	
Parker street, southwest corner of Summer. Flush.....	
Parker street, southwest corner of County.....	
Pearl street, southwest corner of Pleasant.....	
Pearl street, southwest corner of Purchase.....	
Perry street, southwest corner of Kearsarge.....	
Phillips avenue, south side, east of Oneko lane.....	
Phillips avenue, south side, east of Acushnet avenue, 173 feet	
Phillips avenue, south side, west of Belleville avenue, 368 feet	
Phillips avenue, southwest corner of Riverside avenue.....	
Pierce street, west side, north of Court, 253.7 feet.....	
Pine street, northwest corner of Cross. Flush.....	
Plainville road, south side, east of Shawmut avenue, 705 feet	
Plainville road, south side, east of Shawmut avenue, 1,139 feet	
Plainville road, south side, east of Shawmut avenue, 2,317 feet	

Plainville road, south side, east of Shawmut avenue, 3,113 feet
 Plainville road, south side, east of Shawmut avenue, 3,920 feet
 Pleasant street, northwest corner of Market.....
 Pleasant street, west side, north of William, 21.5 feet.....
 Pleasant street, east side, foot of Sycamore.....
 Pleasant street, northwest corner of Pope. Flush.....
 Pleasant street, northwest corner of Austin. Flush.....
 Pleasant street, southwest corner of Linden. Flush.....
 Pleasant street, southwest corner of Weld.....
 Plummer avenue, southwest corner of Riverside avenue....
 Plummer avenue, south side, east of Belleville avenue, 177 feet
 Pope street, southwest corner of Purchase.....
 Pope street, south side, opposite North Oak.....
 Pope street, southwest corner of Summer.....
 Poplar road, south side, west of Bolton road, 431 feet.....
 Potomska street, a group of three post hydrants located about 300 feet east of Prospect and 91 feet north of south line of Potomska street.....
 Potter street, south side, east of Shawmut avenue, 403 feet
 Prospect street, west side, north of Grinnell, 275.2 feet....
 Prospect street, northwest corner of Grinnell.....
 Prospect street, west side, north of Potomska, 324.5 feet....
 Prospect street, northwest corner of Potomska.....
 Purchase street, northwest corner of Dean.....
 Purchase street, west side, opposite Onoko mill.....
 Purchase street, east side, opposite Clark.....
 Purchase street, west side, south of Campbell, 348 feet....
 Purchase street, northwest corner of Union. Flush.....
 Purchase avenue, northeast corner of Purchase.....
 Reed street, west side, north of Court, 145 feet.....
 Reed street, southwest corner of Elm.....
 Reed street, southwest corner of Middle.....
 Reynolds street, southwest corner of Weld.....
 Reynolds street, west side, south of Clark, 17.9 feet.....
 Reynolds street, southwest corner of Cedar Grove street...
 Richmond street, southwest corner of Maitland.....
 Riverside avenue, west side, opposite Manomet street.....
 Riverside avenue, west side, north of Manomet, 134 feet.....
 Riverside avenue, west side, north of Manomet, 336 feet.....
 Riverside avenue, west side, north of Manomet, 532 feet.....

Rivet street, southwest corner of Second. Flush.....
 Rivet street, southwest corner of County.....
 Rivet street, southwest corner of Bonney.....
 Rivet street, south east corner of Bolton road.....
 Rivet street, southwest corner of Hemlock.....
 Robeson street, southwest corner of County.....
 Robeson street, southwest corner of Ashland.....
 Robeson street, southeast corner of Cottage.....
 Robeson street, southeast corner of Cedar.....
 Robeson street, south side, west of Cedar, 424 feet.....
 Rockdale avenue, southwest corner of Bolton road.....
 Rockdale avenue, south side, west of Bolton road, 327 feet..
 Rockdale avenue, southwest corner of Grant street.....
 Rockdale avenue, southwest corner of Fairmount
 Rockland street, southwest corner of County.....
 Rockland street, southeast corner of Hall.....
 Rockland street, south side, west of Orchard, 13 feet.....
 Rockland street, south side, east of Hemlock, 179.3 feet....
 Rockland street, southwest corner of Lombard.....
 Rodney street, south side, east of Brock avenue, 1,4 7 feet..
 Rotch street, west side, south of Union, 213.7 feet.....
 Rounds street, northwest corner of Elm.....
 Rural street, southwest corner of Allen.....
 Russell street, south side, east of Fifth, 92 feet. Flush....
 Russell street, southwest corner of Sixth.....
 Salisbury street, northwest corner of Ruth.....
 Sawyer street, south side, west of County, 644 feet.....
 Sawyer street, southwest corner of Purchase.....
 Sawyer street, south side, opposite Brook.....
 Sawyer street, southwest corner of Bowditch.....
 Sawyer street, southwest corner of Acushnet avenue.....
 Sawyer street, southeast corner of Belleville avenue.....
 Sawyer street, north side, east of Mitchell, 169 feet.....
 Sawyer street, south side, east of Mitchell, 418.8.....
 Sawyer street, north side, east of Belleville ave., 750 feet..
 Sawyer street, south side, east of Mitchell street, 690 feet..
 School street, southwest corner of Sixth.....
 Scott street, south side, west of County, 494 feet.....
 Sears court, southwest corner of Purchase street. Flush..
 Second street, northwest corner of Mill. Flush.....
 Second street, west side, south of Elm, 52 feet.....
 Second street, west side, south of Spring, 74 feet. Flush..
 Second street, northwest corner of Coffin. Flush.....

Second street, west side, at head of Morgan's lane.....
 Second street, west side, north of Grinnell, 61 feet. Flush..
 Second street, west side, north of Potomska, 232 feet.....
 Second street, west side, south of Potomska, 122 feet.....
 Second street, west side, south of Blackmer, 188 feet.....
 Seneca street, south side, east of Acushnet avenue, 270 feet...
 Seventh street, southwest corner of Union.....
 Seventh street, west side, north of Madison, 59 feet.

Flush

Shawmut avenue, southwest corner of Willis.....
 Shawmut avenue, southwest corner of Parker.....
 Shawmut avenue, west side, head of Locust.....
 Shawmut avenue, southwest corner of Robeson.....
 Shawmut avenue, west side, north of Austin, 195 feet.....
 Shawmut avenue, west side, north of Durfee, 497 feet.....
 Shawmut avenue, southwest corner of Grand.....
 Shawmut avenue, west side, north of Grand, 363 feet.....
 Shawmut avenue, west side, opposite Topham street.....
 Shawmut avenue, northwest corner of Plainville road.....
 Sherman street, south side, west of County, 314 feet.

Flush

Shore street, west side, south of Cove road, 264 feet.....
 Sisson street, northwest corner of Union.....
 Sisson street, west side, north of Arnold, 142 feet.....
 Sixth street, west side, north of Grinnell, 194 feet.....
 Smith street, southwest corner of County.....
 Smith street, southwest corner of Chestnut.....
 Smith street, southeast corner of Spruce.....
 Smith street, southeast corner of Shawmut avenue.....
 Smith street, south side, east of Park, 5 feet.....
 South street, south side, east of Crapo, 357 feet.....
 South street, southwest corner of Acushnet avenue.....
 South street, southwest corner of Second.....
 South street, southwest corner of First.....
 South street, southwest corner of Water.....
 South street, southwest corner of Prospect.....
 Spring street, southwest corner of Water.....
 Spring street, southeast corner of Acushnet avenue.....
 Spring street, southeast corner of Fifth.....
 Spring street, southwest corner of Seventh.....
 Stapleton street, southwest corner of Cove.....
 State street, southwest corner of Sycamore.....
 State street, southwest corner of Pearl. Flush.....
 Stone street, west side, south of Allen, 208.6 feet.....

Stowell street, south side, east of Field, 153 feet.....	
Summer street, northwest corner of North. Flush.....	
Summer street, northwest corner of Hillman. Flush.....	
Summer street, southwest corner of Willis. Flush.....	
Summer street, southwest corner of Locust.....	
Sycamore street, southwest corner of Thomas. Flush.....	
Sycamore street, southwest corner of Summer. Flush.....	
Sycamore street, southwest corner of Chancery.....	
Taber street, southwest corner of Page.....	
Taber street, south side, west of Page, 428.7 feet.....	
Tallman street, southwest corner of Belleville avenue..	
Tallman street, southwest corner of Front.....	
Tarkiln Hill road, southwest corner of Belleville avenue.....	
Tarkiln Hill road, south side, west of Acushnet avenue, 450 ft.	
Thatcher street, northwest corner of Grit.....	
Thompson street, southeast corner of Bourne.....	
Thompson street, southwest corner of Hemlock.....	
Thompson street, south side, east of Hemlock, 99.6 feet....	
Thompson street, south side, west of Bonney, 302 feet....	
Thompson street, south side, east of Hall, 20 feet.....	
Thompson street, southwest corner of County.....	
Tinkham street, south side, east of Acushnet avenue, 239.2 feet	
Tinkham street, south side, west of Bowditch, 314 feet....	
Topham street, south side, east of Shawmut avenue, 647 feet	
Tremont street, southwest corner of Union.....	
Tremont street, northwest corner of Maple.....	
Trinity street, south side, west of Cedar, 264 feet.....	
Trinity street, south side, east of Shawmut avenue. 202 feet	
Union street, southwest corner of Front.....	
Union street, southwest corner of Water.....	
Union street, southwest corner of First.....	
Union street, southwest corner of Second.....	
Union street, southwest corner of Acushnet avenue.....	
Union street, southwest corner of Sixth.....	
Union street, southwest corner of County.....	
Union street, southeast corner of Emerson.....	
Union street, southwest corner of Ocean.....	
Union street, southeast corner of Rotch.....	
Valentine street, south side, west of Brock avenue, 621 feet	

Valentine street, south side, east of West French avenue.	
142 feet	
Viall street, northwest corner of Ruth street.....	
Vine street, west side, north of Durfee, 215 feet.....	
Walden street, southwest corner of Maxfield. Flush.....	
Wall street, south side, east of Acushnet avenue, 165 feet.	
Flush	
Wall street, southeast corner of Acushnet avenue.....	
Walnut street, northwest corner of Front.....	
Walnut street, southwest corner of Water.....	
Walnut street, southwest corner of Second. Flush.....	
Walnut street, southwest corner of Fourth.....	
Walnut street, southwest corner of Seventh.....	
Wamsutta street, south side, west of Front, 200 feet.....	
Wamsutta street, south side, west of Front, 372 feet.....	
Wamsutta street, south side, east of Acushnet avenue, 286	
feet	
Ward street, southwest corner of Bay.....	
Ward street, west side, north of Allen, 195 feet.....	
Warren street, southeast corner of West French avenue.....	
Warren street, southwest corner of Brock avenue.....	
Washburn street, southeast corner of Acushnet avenue....	
Washburn street, south side, west of North Front, 228 feet..	
Washington street, southwest corner of County.....	
Washington street, southwest corner of Crapo.....	
Washington street, south side, west of Orchard, 102 feet...	
Washington street, southeast corner of Dartmouth. Flush..	
Water street, southwest corner of Hillman. Flush.....	
Water street, southwest corner of North.....	
Water street, northwest corner of High.....	
Water street, southwest corner of Elm. Flush.....	
Water street, west side, north of Center, 48 feet	
Water street, southwest corner of School.....	
Water street, west side, head of Pine.....	
Water street, west side, head of Leonard.....	
Water street, southwest corner of Howland.....	
Water street, northwest corner of Grinnell.....	
Water street, northwest corner of Potomska.....	
Water street, west side, south of Potomska, 266 feet.....	
Water street, northwest corner of Rive	
Water street, southwest corner of Blackmer.....	
Water street, northwest corner of Delano.....	
Water street, west side, head of Gifford.....	

Weld street, southeast corner of Mt. Pleasant.....
 Weld street, southwest corner of State.....
 Whitman street, south side, east of Diman, 166 feet.....
 Willard street, south side, west of Brock avenue, 560 feet..
 Willard street, south side, east of West French avenue,
 101 feet.....
 William street, southwest corner of Bethel.....
 William street, southwest corner of Second.....
 William street, southwest corner of Purchase.....
 William street, southwest corner of Sixth.....
 William street, southwest corner of Eighth.....
 Willis street, southwest corner of Acushnet avenue.....
 Willis street, southwest corner of Purchase.....
 Willis street, southeast corner of Pleasant.....
 Willis street, southwest corner of State.....
 Willis street, southwest corner of County.....
 Willis street, southwest corner of Cottage.....
 Willis street, south side, west of Cedar, 200 feet.....
 Willow street, southwest corner of Cottage.....
 Willow street, south side, west of Cedar, 224 feet.....
 Willow street, southeast corner of Shawmut avenue.....
 Wing street, southwest corner of Fourth.....
 Wing street, southwest corner of Sixth.....
 Windsor street, southwest corner of County.....
 Windsor street, south side, west of County, 455.5 feet.....
 Windsor street, southeast corner of Crapo.....
 Wood street, south side, west of Acushnet avenue, 366 feet..
 Woodlawn street, south side, west of Brock avenue, 636
 feet.....
 Woodlawn street, south side, east of West French avenue,
 134 feet.....

Number of flush hydrants..... 99
 Number of post hydrants..... 707
 Total number of hydrants..... 806

Location of Reservoirs.

Durfee street, southeast corner of Shawmut avenue.
Linden street, northeast corner of Ashland.
Franklin street, southwest corner of State.
Willis street, northeast corner of State.
Campbell street, west side of Purchase.
Smith street, southeast corner of Cottage.
County street, southeast corner of Maxfield.
Chestnut street, between Mill and North.
Middle street, near Southeast corner of Purchase.
Middle street, west of Grammar School.
County street, near Elm st.
North Second street, northwest corner of William.
City Hall Square
Court street, near head of Orchard.
School street, northwest corner of Fourth.
South Second street, northwest corner of Walnut.
South Sixth street, northwest corner of Walnut.
Orchard street, east side, below Hawthorn.
Russell street, between County and Sixth.
Acushnet avenue, southeast corner of Cannon.
Bedford street, southeast corner of Fifth.
South Sixth street, southwest corner of Wing.
Acushnet avenue, southeast corner of Grinnell.
Washington street, northeast corner of Crapo.

**CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
January 26, 1905.**

**Received, ordered printed in the City Documents,
and sent down for concurrence.**

WM. S. COOK, Ass't City Clerk.

**IN COMMON COUNCIL,
January 26, 1905.**

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT — No. 6.

ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

CITY OF NEW BEDFORD.

TOGETHER WITH THE

Superintendent's Annual Report

FOR THE YEAR 1904.

NEW BEDFORD :
THE A.E. COFFIN PRESS, CITY PRINTERS,
1905.

IN SCHOOL COMMITTEE.

January 2, 1905.

Voted, That the Superintendent and Secretary prepare the Annual Report of the School Board for the year 1904, and that 2,000 copies of the same be printed.

Report of the Secretary.

By direction of the School Committee, I submit to our fellow citizens the following report for the year 1904.

STATISTICS.

I. POPULATION AND VALUATION.

The population of the city (census of 1890) was	40,705
The population of the city (census of 1895) was	55,251
The population of the city (census of 1900) was	62,442
Valuation of the taxable property (1904) was	\$63,608,350
School houses and lots,	1,108,363
Other school property,	80,000

II. APPROPRIATION.

Rate of taxation,	\$19.20
Amount for school purposes, not including new buildings,	278,301.45

III. SCHOOL CENSUS.

School census, September, 1903 (children between five and fifteen years of age),	12,566
School census, September, 1904 (children between five and fifteen years of age),	12,636
Increase as shown by the returns,	70

SCHOOL REPORT.

SCHOOL CENSUS BY WARDS.

	1903	1904	
Ward One,	3,688	3,711	increase 23
Ward Two,	1,587	1,659	increase 72
Ward Three,	850	810	decrease 40
Ward Four,	840	849	increase 9
Ward Five,	1,590	1,550	decrease 40
Ward Six,	4,011	4,057	increase 46

Location of children between five and fifteen years of age, as to school attendance, as reported by the census enumerators.

	Attending Public Schools.	Attending Private Schools.	Attending No School.
Ward One,	2,133	1,192	386
Ward Two,	932	691	36
Ward Three,	690	100	20
Ward Four,	783	51	15
Ward Five,	1,272	132	146
Ward Six.	2,882	752	423

Children reported as attending no school are presumably those who are between five and seven years of age, and those over fourteen.

IV. SCHOOL ORGANIZATION.

High School,	1
Normal and Training school for teachers,	1
Grammar schools,	5
Primary schools,	15
Kindergartens,	3
Mixed school — Grammar and primary,	1
Ungraded schools,	6
Cooking school,	1
Manual Training school,	1
	<hr/> 34

V. SCHOOL BUILDINGS.

Permanent schoolhouses,	28
Portable schoolhouses,	3
Buildings hired for schools,	5
	<hr/> 36

Rooms used for school purposes (day schools),
including halls and recitation rooms.

High school,	20
Normal and Training school,	11
Grammar schools,	63
Primary schools,	128
Ungraded schools,	11
Manual Training school,	1
Cooking school,	1
Kindergartens,	3
Rooms unoccupied,	2
Total,	<hr/> 240
Rooms used for both day and evening schools,	50

VI. SEATS.

	Seats Occupied.	Seats Unoccupied.
High School,	436	0
Normal and Training school,	442	16
Grammar schools,	2,268	478
Primary schools,	5,107	877
Ungraded schools,	303	119
Kindergartens,	125	15
	<hr/> 8,681	<hr/> 1,505

VII. TEACHERS.

Whole number in service, 1904:

High School,	18
Normal and Training school : Regular teachers,	9
" " " " Pupil teachers, seniors,	15
Grammar schools,	70
Primary schools,	129
Kindergartens,	6
Country schools (ungraded),	10
Special Teachers,	9
Regular substitute,	1
Evening High school,	8
Evening Drawing school,	4
Evening Elementary schools,	94
Total,	<hr/> 373

VIII. PUPILS.

DAY SCHOOLS — 1904.

From September 14, 1903, to July 1, 1904.

Whole number of pupils enrolled of all ages,	10,081
Average number of pupils belonging,	8,715
Average daily attendance,	8,024
Per cent. of attendance,	92.1
Number of half days absence,	257,214
Number cases of tardiness,	13,920
Number cases of dismissal,	4,152
Number cases of truancy reported by teachers,	266
Number cases of corporal punishment,	492
Number cases of suspension,	11
Half days absence of teachers,	773
Number cases of tardiness by teachers,	117
Number visits made the schools by the superintendent,	447
Number visits made the schools by the school committee,	197
Number visits made the schools by parents and others,	4,870
Number sessions schools held during year,	384

EVENING ELEMENTARY SCHOOLS.

From October 5, 1903, to February 23, 1904.

Whole number pupils enrolled,	3,093
Average number belonging,	1,891
Average nightly attendance,	1,527
Per cent. of attendance,	80.7
Total nights absence,	14,371
Number cases of tardiness,	591
Number cases of dismissal,	34
Nights absence of teachers,	49
Times teacher was tardy,	20
Number of visits by superintendent,	14
Number visits by school committee,	21
Number nights schools held in session during year,	39

SCHOOL REPORT.**7****EVENING HIGH SCHOOL.****From October 5, 1903, to March 2, 1904.**

Whole number pupils enrolled,	141
Average number belonging,	82
Average nightly attendance,	64
Per cent. of attendance,	76.5
Total nights absence,	394
Number cases of tardiness,	83
Number cases of dismissal,	38
Nights teacher was absent,	1
Times teacher was tardy,	0
Number visits by superintendent,	1
Number nights school held in session during year,	55

EVENING DRAWING SCHOOL.**From October 6, 1903, to February 26, 1904.**

Whole number pupils enrolled,	107
Average number belonging,	65
Average nightly attendance,	51
Per cent. of attendance,	78.4
Total nights absence,	578
Number visits by school committee,	0
Number nights school held in session during year,	40

PUBLIC SCHOOLS.

	1904.	1903.		
Enrollment of pupils,	10,081	9,684	increase	397
Average number belonging,	8,715	8,193	increase	522
Average daily attendance,	8,024	7,448	increase	576
Per cent. of attendance,	92.1	90.	increase	2.1
Number cases absence,	257,214	273,481	decrease	16,267
Number cases tardiness,	13,920	13,998	decrease	78
Number cases dismissal,	4,152	20,591	decrease	16,439

PRIVATE AND PAROCHIAL SCHOOLS.

	1904.	1903.		
Enrollment of pupils,	3,425	3,350	increase	75
Average number belonging,	2,960	3,076	decrease	116
Average daily attendance,	2,711	2,721	decrease	10
Per cent. daily attendance,	91.5	88.4	increase	3.1

PUBLIC, PRIVATE AND PAROCHIAL SCHOOLS.

	1904.	1903.		
Enrollment of pupils,	13,506	13,034	increase	472
Average number belonging,	11,675	11,269	increase	406
Average daily attendance,	10,735	10,169	increase	566
Per cent. daily attendance,	91.9	90.2	increase	1.7

COST OF INSTRUCTION PER SCHOLAR BY SCHOOLS.

In Table I, the cost of instruction per scholar is based upon the average number belonging to each school during the year, and the amount expended for the hire of teachers, fuel, care of schoolhouses, books and supplies, (except those furnished from the income of the Sylvia Ann Howland Educational fund and Dog fund,) the term, "care of schoolhouses" including only the salaries of janitors.

In Table II is given the cost, by departments, of each pupil, based on the average number belonging and the total amount expended for the maintenance of each department, not including the expenditures from the Sylvia Ann Howland Educational fund or Dog fund, during the year. This last computation furnishes the basis upon which tuition of non-residents will be collected.

TABLE I. The average cost of a High school pupil,

pupil,	\$64.21
Grammar school pupil,	28.41
Training school pupil,	35.17
Primary school pupil,	22.15
Ungraded school pupil,	32.90
Elementary Evening school pupil,	3.51
Evening High school pupil,	14.05
Evening Drawing school pupil,	9.41
Day School pupil,	27.29

TABLE II.

High school,	\$76.08
Harrington Normal and Training school,	37.81
Grammar schools,	30.78
Primary schools,	24.41
Ungraded schools,	43.59
Evening Elementary schools,	3.77
Evening High school,	17.27
Evening Drawing school,	10.51
Cooking school,	4.09
Manual Training school,	5.37
Average cost of a day school pupil,	29.86
Average cost of an evening school pupil, including drawing school,	4.49

RECEIPTS AND EXPENDITURES FOR 1904.

RECEIPTS — APPROPRIATIONS FROM CITY COUNCIL.

General appropriations as follows :

For teachers' salaries,	\$189,000.00	
For incidentals (including salary of officers, janitors, books, supplies, etc.,	77,001.45	
For repairs of buildings,	12,300.00	\$278,301.45

EXPENDITURES — MONEY RAISED BY TAXATION.

For teachers' salaries :

Day schools,	\$179,671.91	
Evening schools,	7,092.50	\$186,764.41
For salaries : Superintendent, clerks, truant officers and janitors,	\$29,614.78	
For books and supplies,	13,929.55	
For lighting,	1,062.36	
For fuel,	16,080.42	
For janitors' supplies,	1,316.42	
For printing and advertising,	1,327.71	
For cooking school,	466.64	
For manual training school,	395.52	
For freight and carting,	596.92	
For miscellaneous expenses (including rent, school furniture, etc.,)	8,011.48	
For St. Louis exhibit,	270.66	\$73,072.46
For repairs of buildings,	\$12,172.86	\$12,172.86
		<u>\$272,009.73</u>

Summary :

Receipts — Appropriations from City Council,	\$278,301.45	
Expenditures — Money raised by taxation,	272,009.73	
Balance, December 3, 1904, returned to City Treasurer,		\$6,291.72

SCHOOL REPORT.

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Receipts from other sources :

Tuition for non-resident pupils,	\$1,051.89	
Sale of books and supplies,	42.44	
Sylvia Ann Howland Educational fund,	5,195.54	
Dog fund,	2,356.25	\$8,646.12

Credits :

Paid to City Treasurer and credited to Unappropriated Funds:

Tuition for non-resident pupils,	\$1,051.89	
Sale of books and supplies,	42.44	
Expenditures from Sylvia Ann Howland Educational fund,	3,423.12	
Expenditures from the Dog fund,	1,503.05	\$6,020.50

Summary :

Receipts,	\$8,646.12	
Credits and expenditures,	6,020.50	\$2,625.62

Balances carried forward to credit of School Department:

Sylvia Ann Howland Educational fund,	\$1,772.42	
Dog fund,	849.20	\$2,621.62

SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balances of income on hand, December

5, 1903,	\$2,195.54	
Interest for the year,	3,000.00	\$5,195.54
Expenditures for the year,		3,423.12
Balance, December 3, 1904,		\$1,772.42

SCHOOL REPORT.

DOG FUND.

Balance, December 3, 1903,	\$794.80	
Received, February, 1904,	1,561.45	\$2,356.25
Expenditures,		\$1,507.05
Balance, December 3, 1904,		<u>\$849.20</u>

EXPENDITURES BY DEPARTMENTS.

High school :

Salaries : Teachers and clerk,	\$23,106.33	
Text books,	824.83	
Stationery,	1,408.27	
Janitor's salary,	1,700.42	
Fuel,	1,024.40	
Ordinary repairs,	745.05	
Proportion of ordinary expenses,	1,946.22	\$30,755.52
Books and supplies from income of Howland fund,		170.88

Harrington Normal and Training school :

Salaries,	\$10,142.24	
Text books,	199.87	
Stationery,	200.13	
Janitor's salary,	1,086.69	
Fuel,	1,480.32	
Ordinary repairs,	583.01	
Proportion of ordinary expenses,	1,377.46	15,079.72
Books and supplies from income of Howland fund,		374.01

Grammar schools :

Salaries,	\$81,411.63	
Text books,	3,401.53	
Stationery,	2,394.00	
Janitors' salaries,	5,079.06	
Fuel,	4,060.27	
Ordinary repairs,	2,784.74	
Proportion of ordinary expenses,	5,347.51	\$104,478.74
Books and supplies from income of Howland fund,		1,701.22

Primary schools :

Salaries,	84,746.43	
Text books,	1,037.04	
Stationery,	2,554.99	
Janitors' salaries,	10,998.17	
Fuel,	9,015.14	
Ordinary repairs,	7,481.47	
Proportion of ordinary expenses,	8,077.83	123,891.07
Books and supplies from income of Howland fund,		584.75

Ungraded schools :

Salaries,	7,773.29	
Text books,	132.56	
Stationery,	201.46	
Janitors' salaries,	1,044.72	
Fuel,	466.97	
Ordinary repairs,	598.69	
Proportion of ordinary expenses,	3,346.87	13,564.56
Books and supplies from income of Howland fund,		161.25

Manual Training (Sloyd school : — also included in Grammar schools.)

Salary,	1,600.00	
Supplies,	15.24	
Proportion of ordinary expenses,	483.63	2,098.87

Cooking school : — (also included in Grammar and High schools.)

Salary,	665.00	
Supplies,	18.30	
Proportion of ordinary expenses,	534.75	1,233.05

Evening Elementary schools :

Salaries,	\$5,677.50	
Text books,	219.27	
Stationery,	68.21	
Janitors' salaries,	363.00	
Lighting,	285.97	
Proportion of ordinary expenses,	438.97	7,052.92

Evening Drawing school :

Salaries,	522.00	
Stationery,	39.87	
Proportion of ordinary expenses,	121.72	683.59
Books and supplies from income of Howland fund,		12 01

Evening High school :

Salaries,	893.00	
Books,	39.51	
Stationery,	7.87	
Janitor's salary,	112.00	
Lighting,	166.97	
Proportion of ordinary expenses,	197.47	1,416.82

SYLVIA ANN HOWLAND EDUCATIONAL FUND.

Balance of income on hand, Dec. 5, 1903,	\$2,195.54	
Interest for the year,	3,000.00	5,195.54
Expenditures for the year,		3,423.12
Balance, Dec. 3, 1904,		1,772.42

Disbursements to the several schools, and otherwise,
are as follows:

101. High school,	\$170.88
201. Harrington Normal and Training school,	374.01
301. John H. Clifford Grammar school,	398.42
302. Parker Street Grammar school,	256.86
304. Middle Street Grammar school,	317.47
305. Fifth Street Grammar school,	250.57
306. Robert C. Ingraham Grammar school,	477.90
307. William H. Taylor school,	32.90
401. Phillips Avenue Primary school,	34.69
402. Cedar Grove Street Primary school,	57.98
403. Clark Street Primary school,	1.50
404. Merrimac Street Primary school,	2.40
405. Mary B. White Primary school,	11.25
406. Horatio A. Kempton Primary school,	7.19
407. Cedar Street Primary school,	34.51
408. Cannonville Primary school,	16.52
409. Sylvia Ann Howland Primary school,	28.87
410. Thomas A. Greene Primary school,	122.14
411. Acushnet Avenue Primary school,	28.23
412. Thompson Street Primary school,	31.77
413. Isaac W. Benjamin Primary school,	50.89
414. Dartmouth Street Primary school,	79.28
415. George H. Dunbar Primary school,	44.63
601. North Mill school,	11.81
602. South Mill school,	2.31
603. Acushnet school,	64.55
604. North school,	2.31
605. Plainville school,	68.96
606. Rockdale school,	11.31
802. Evening Drawing school,	12.01
Office,	50.36
Pedagogical Library,	16.62
Care of pianos and organs,	109.00
Sewing supplies,	141.15
Lectures,	70.15
Art Department,	11.62
Miscellaneous,	20.10
	\$3,423.12

DETAILED STATEMENT.

Outlay of the School Committee from the income of the Sylvia Ann Howland Educational Fund from December 5, 1903, to December 3, 1904.

BOOKS AND PERIODICALS.

American Book Co.,	\$197.39	
Appleton, (D.) & Co.,	13.44	
Babb, (Edward E.) & Co.,	78.36	
Century Co., The	4.32	
Davis Press, The	1.00	
Dodd, Mead & Co.,	154.50	
Educational Publishing Co.	66.21	
Ginn & Company,	171.70	
Goldberger, Herman	42.50	
Grumiaux News and Sub. Co.,	2.50	
Half Price Cyclopædia Co.,	79.50	
Harper Bros.,	66.50	
Heath (D. C.) & Co.,	140.19	
Houghton, Mifflin & Co.,	216.12	
Hutchinson (H. S.) & Co.,	32.87	
Journal of Geography,	1.50	
Journal of Pedagogy,	3.00	
Koehler (C. A.) & Co.,	6.00	
Longmans, Green & Co.,	47.05	
Mason (Perry) & Co.,	88.23	
Morse Co., The	24.75	
N. E. Publishing Co.,	2.50	
Rand, McNally Co.,	3.72	
Scribner (Chas.) Sons,	36.27	
Sibley & Co.,	7.00	
Silver, Burdett & Co.,	268.23	
Simmons, Parker P.,	15.25	
St. Nicholas Co., The	6.48	
Taber, Robert W.,	47.25	\$2,124.38

SCHOOL REPORT.

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PEDAGOGICAL LIBRARY.

Appleton (D.) & Co.,	7.67	
Babb, (Edward E.) & Co.,	2.00	
Educational Review,	3.00	
Ginn & Company,	.35	
Longmans, Green & Co.,	3.60	16.62

ART DEPARTMENT.

Caproni (P. P.) & Bro ,	150.68	
Crowell, A. B ,	332.40	
Curtis & Cameron,	13.50	
Hatch, William E.,	10.49	
Matsuki, Bunkio,	16.32	
N. B. Co-operative Express Co.,	.25	
Pope, Allen,	30.00	
Prang Educational Co ,	3.20	
Preston, T. W.,	8.75	
Tillinghast, Ada W.,	3.00	
Turner (Horace K.) Co.,	200 50	769.09

MUSIC DEPARTMENT.

Peirce, George,	149.00	
Tripp, LeRoy G.,	.35	149 35

SEWING DEPARTMENT.

Anthony (E.) & Sons,	11.00	
Hayes, N. P.,	47.37	
Johnson, Catherine F.,	17.50	
Ruggles & Ellison,	55.69	
Wanamaker, John,	8.00	
Wright, J. Smithson,	1.59	141.15

LECTURES.

Hatch, Wm. E.,	22.60	
Summers, Maud,	29.20	
Walter, Sarah J.,	18.35	70.15

MISCELLANEOUS.

Appleton (D.) & Co.,	.65	
Babb (Edward E.) & Co.,	.41	
Boston Furniture Co.,	3.49	
Caproni (P. P.) & Bro.,	12.01	
Century Co., The,	.25	
Educational Publishing Co.,	.39	
Hammett (J. L.) Co.,	72.00	
Harrison, Wm. B.,	12.50	
Haskell & Tripp,	.50	
Heath (D. C.) & Co.,	1.57	
McKinley Publishing Co.,	2.89	
Neostyle Co.,	4.50	
N. B. Dry Goods Co.,	1.32	
Prang Educational Co.,	.09	
Richards, George D.,	1.65	
Scribner's (Chas.) Sons,	.76	
Sullivan & Markey,	15.00	
Thompson (A. T.) & Co.,	22.40	
Turner (Horace K.) Co.,	.25	152.43
		<hr/> \$3,423.12

TEXT BOOKS AND SUPPLIES.

STATEMENT.

Cost of books and supplies purchased during 1904,	\$13,929.55
Cost of books and supplies in stock, Dec. 5, 1903,	3,760.12
	<hr/> \$17,689.67
Cost of books and supplies charged to schools in 1904,	\$12,573.57
Cost of books and supplies in stock, Dec. 5, 1904,	5,073.66
Cash receipts from the sale of books and supplies,	42.44
	<hr/> \$17,689.67

The cost in detail of books and supplies furnished the several schools for the year 1904 is as follows:

	<i>Books.</i>	<i>Supplies.</i>	<i>Total</i>
101. High school,	\$824.83	\$1,388.90	\$2,213.73
201. Harrington Normal and Training school,	199.87	190.13	390.00
301. John H. Clifford Grammar school,	632.28	581.17	1,213.45
302. Parker Street " "	713.84	423.38	1,137.22
304. Middle Street " "	450.38	260.62	711.00
305. Fifth Street " "	676.60	350.92	1,027.52
306. Robert C. Ingraham " "	908.43	707.91	1,616.34
307. William H. Taylor " "	50.00	42.28	92.28
401. Phillips Avenue Primary " "	73.14	204.35	277.49
402. Cedar Grove Street " "	136.83	274.21	411.04
403. Clark Street " "	40.74	112.41	153.15
404. Merrimac Street " "	54.36	64.99	119.35
405. Mary B. White " "	45.84	81.18	127.02
406. Horatio A. Kempton " "	78.23	140.88	219.11
407. Cedar Street " "	55.71	106.41	162.12
408. Cannonville " "	6.75	35.09	41.84
409. Sylvia Ann Howland " "	36.99	101.47	138.46

410.	Thomas A. Greene Primary school,	62.42	180.13	242.55
411.	Acushnet Avenue	" "	52.76	181.55
412.	Thompson Street	" "	44.19	223.62
413.	Isaac W. Benjamin	" "	74.20	308.40
414.	Dartmouth Street	" "	93.23	150.98
415.	George H. Dunbar	" "	87.80	147.04
416.	William H. Taylor	" "	63.88	100.00
501.	Cedar Grove Street Kindergarten,		17.11	17.11
502.	Cedar Street	" "	10.28	10.28
503.	Thomas A. Greene	" "	14.02	14.02
601.	North Mill school,	2.64	10.14	12.78
602.	South Mill	" "	25.59	9.80
603.	Acushnet	" "	72.78	110.81
604.	North	" "	3.90	28.49
605.	Plainville	" "	12.73	10.09
606.	Rockdale	" "	14.08	17.59
704.	Manual Training school,		13.78	13.78
705.	Cooking school,		16.84	16.84
707.	Sewing,		8.87	3.87
801.	Evening High	" "	39.51	7.87
802.	Evening Drawing	" "		39.87
803.	John H. Clifford Evening school,	60.60	25.44	86.04
804.	Phillips Avenue	" "	30.64	3.25
805.	Parker Street	" "	47.72	7.00
806.	Fifth Street	" "	27.98	14.57
807.	Robert C. Ingraham	" "	52.33	17.95
	Office,		2.18	2.18
			<hr/>	<hr/>
			\$5,854.20	\$6,719.37
				\$12,573.57

The average cost per pupil in the different departments of the schools, for text-books and supplies, has been as follows:

High school,	\$5.67
Harrington school,	.97
Grammar schools,	2.29
Primary schools,	.68
Ungraded schools,	1.05
Average for day schools,	1.44
Average for Evening High school,	.57
Average for Evening Drawing school,	.61
Average for Evening Elementary school,	.15

THE SCHOOL CENSUS.

This census is required by statute to be taken each year in the month of September. It is an enumeration of children in the city between the ages of five and fifteen. The compulsory school age is from seven to fourteen, inclusive. Pupils are admitted, however, to our school at five years of age at two different times, at the beginning of the fall term and at the beginning of the winter term.

While the primary purpose of the census is to ascertain the number of children residing in the city between the ages of five and fifteen, the enumerators are required to return the number between seven and fourteen. They are also required to return the number of pupils attending the public schools, the number attending private or parochial schools, and the number who do not attend any school. These returns are used partly for local purposes and partly for those of the State.

The enumerators employed this year, six in number, were the same as last year with one exception, and most of them had had several years' experience. It is fair to presume that the same care and diligence were used as in the year before, and I do not question it. But where the census of 1903 showed a gain of children in the city over 1902 of 726, the census of 1904 showed a gain over 1903 of only 70. In two wards, Three and Five, a net loss of 40 each was reported by the enumerators.

The fluctuations of the census returns have always been a puzzle to me. I do not think that it is possible to get even approximate accuracy in a city like ours, where the enumeration extends over a period of a month. I am

satisfied also that the month of September is a very bad month in which to take the census in our city, at least. Although the schools did not begin until September 12th this year, there were several hundred more children enrolled at the close of the first month than at the close of the first week. I believe that much of this was due to the fact that many families were still out of the city when the schools were opened. If so many were absent from the city at the middle of the month, surely more were absent from the city at the first of September, when the census enumeration began. I think it was a most unwise change which caused the State school census to be taken in September rather than May, when it was formerly taken. Had the change been made to October, it would have been much better.

EXPENDITURES FOR 1904.

The cost of the schools to the city for the year was \$272,009.73. This was an increase of \$7,441.59, chiefly on account of teachers' salaries. There was a slight increase in the salaries' account of officers and janitors, and in the account for text books and supplies. But the cost for fuel was several thousand dollars less and the printing account several hundred dollars less. The amount expended for repairs of buildings was somewhat larger in 1904 than in 1903.

In addition to amount raised by direct taxation and expended for the support of the schools, there were expended from the Sylvia Ann Howland Educational Fund \$3,423.12, and from the Dog Fund \$1,503.05, making the total amount expended \$276,935.90.

The cost per pupil, based on the amount raised by direct taxation and the whole enrollment, was \$25.81; based on the average membership it was \$29.86. This

was \$1.08 a pupil less on the average membership than in 1903.

This decrease in the cost for 1904 was caused by the larger average attendance per teacher than for the previous years. This was true of the primary and lower grammar grades only. The high school and the upper grammar grades had as a rule small classes, and the cost for those classes was more, not less. With the completion of the new buildings under construction a readjustment of districts will be possible, which will equalize conditions somewhat.

Respectfully submitted,

WM. E. HATCH,

Secretary.

DEPARTMENT OF PUBLIC SCHOOLS.

REPORT FOR YEAR BEGINNING SEPTEMBER 14, 1903, ENDING JULY 1, 1904.

NAME OF SCHOOL.	Total Enrollment for year.		Average No. belonging.	Average daily attendance.	Per cent. of attendance.	Total half days absence.	No. cases of tardiness.	No. cases of dismissal.	No. cases of truancy.	No. cases of corporal punishment.	No. cases suspension.	Half days teacher was absent.	Times teacher was tardy.	No. visits by superintendent.	No. visits by members committee.	No. visits by parents and others.	No sessions held during year.
	Boys.	Girls.															
101 High.	404	289	392	876	95.9	2919	1886	372	3		2	45	17	27	8	135	183
201 Harrington Training.	471	245	400	368	92.0	12,297	1713	248	15	60		24	2	9		282	384
301 John H. Clifford Grammar.	259	238	448	424	94.6	9800	438	103	11	3	1	59	13	24	7	142	384
302 Parker Street	216	321	381	560	96.3	8399	176	178	4			18	1	26	15	267	384
304 Middle Street	210	236	406	352	94.3	8727	276	254	15	28	1	18	8	23	18	468	384
305 Fifth Street	212	234	363	367	93.3	10,069	549	612	23	39		17	5	27	26	383	384
306 Robert C. Ingraham	332	376	628	688	93.6	15,416	381	540	23	3		51	1	86	33	406	384
307 William H. Taylor	44	36	72	69	95.8	1127	56	163				2		6	4	105	384
Grammar Totals.	2898	1496	2937	2380	94.5	53,068	1876	1610	75	73	2	160	28	142	103	1170	384

401	Phillips Avenue	Primary.	242	926	892	355	90.0	15,161	690	60	9	30	1	18	5	25	2	68	384
402	Cedar Grove Street	"	413	336	590	527	90.8	20,390	923	64	10	9		20	9	16	17	106	384
403	Clark Street	"	164	127	269	250	92.9	7206	537	44	4	14	1	64	2	16	4	97	384
404	Merrimac Street	"	150	180	295	290	90.3	8005	519	64	3	4		75	2	14	4	63	384
405	Mary B. White	"	101	96	184	166	90.2	6680	521	227	9	32	1	1	4	8	2	122	384
406	Horatio A. Kempton	"	144	243	220	220	90.9	8507	816	78	5	4	1	4	2	8	3	384	384
407	Cedar Street	"	138	96	202	185	91.5	8507	429	107	15	30		20	1	16	3	104	384
408	Cannonville	"	58	39	80	74	92.3	2379	298	34	3	4		11	3	11	2	35	384
409	Sylvia Ann Howland	"	107	01	207	185	83.2	5429	502	84	6	18	1	23	3	11	7	131	384
410	Thomas A. Greene	"	214	189	353	316	89.5	14,185	675	101	6	40	1	21	2	17	7	85	384
411	Acushnet Street	"	257	260	452	414	91.5	14,458	538	169	11	8		50	2	19	4	94	384
412	Thompson Street	"	215	197	363	327	90.0	13,792	562	143	11	28		13	2	19	4	84	384
413	Isaac W. Benjamin	"	333	323	552	509	92.2	16,286	593	188	8	5	2	76	2	21	1	241	384
414	Dartmouth Street	"	170	148	302	274	90.7	10,579	396	96	10	45		41	2	18	1	243	384
415	George H. Dunbar	"	176	172	325	289	88.9	13,817	450	135	10	21	1	41	2	16	17	85	384
416	John H. Clifford	"	27	24	41	37	90.2	1261	28	3	7	2	1	82	22	9	12	164	384
418	William H. Taylor	"	100	120	198	183	92.4	5933	265	34	2	4							
	Primary totals,		2904	2689	4969	4314	90.8	174,558	8203	1616	167	291	7	512	61	222	77	3091	384
501	Cedar Grove Street Kindergarten																		
502	Cedar Street	"	28	35	34	28	82.3	1297	86	2				1	2	2	1	43	194
503	Thomas A. Greene	"	43	18	43	36	83.7	1407	118	2				21	4	4		96	194
	Kindergarten totals,		94	87	114	90	78.9	4847	386	12				32		9	1	220	194
601	North Mill school,		26	8	30	29	95.6	379	8		2	4		4	2	3		5	302
602	South Mill	"	85	34	85	76	89.4	8870	127	194	4	39		1	2	2		70	384
	Mill School totals,		111	114	115	105	91.3	8749	185	194	6	43		5	2	5		75	
603	Acushnet school,		67	63	115	108	83.9	2389	54	58		21		1	7	26	6	256	384
604	North	"	18	6	28	20	91.3	861	36	7					1	1		21	391
605	Plainville	"	11	11	21	19	90.0	630	3	1					2	2		20	389
606	Rockdale	"	23	20	39	34	87.0	1896	119	34		4			4			381	
	Ungraded totals,		119	100	198	181	91.4	5786	212	100		25		5	7	33	8	397	
	Grand totals,		5061	5020	8715	8094	92.1	357,214	13,920	4152	296	492	11	773	117	447	197	4870	

SCHOOL REPORT.

DEPARTMENT OF PUBLIC SCHOOLS.

REPORT FOR YEAR BEGINNING SEPTEMBER 14, 1903, ENDING JULY 1, 1904.

NAME OF SCHOOL.	Total Enrollment for year.		Average No. delinquent.	Average daily attendance.	Per cent. of attendance.	Total half days absence.	No. cases of tardiness.	No. cases of dismissal.	No. cases of truancy.	No. cases of corporal punishment.	No. cases suspension.	Half days teacher was absent.	Times teacher was tardy.	No. visits by superintendent.	No. visits by members committee.	No. visits by parents and others.	No. sessions held during year.
	Boys.	Girls.															
101 High.	454																
	165	289	392	876	95.9	2919	1886	372	3		2	45	17	27	8	185	183
201 Harrington Training.	471																
	236	245	400	368	92.0	12,297	1718	248	15	60		24	2	9		262	364
301 John H. Clifford Grammar,	259	288	448	424	94.6	8900	439	163	11	3	1	59	13	24	7	142	384
302 Parker Street "	295	321	581	560	96.3	8399	175	178	4			18	1	26	15	267	364
304 Middle Street "	210	296	405	382	94.3	8727	275	254	15	28	1	13	8	28	18	468	384
305 Fifth Street "	212	234	368	367	96.3	10,069	549	512	23	39		17	5	27	26	333	384
306 Robert C. Ingraham "	332	376	628	568	93.6	15,416	381	340	23	3		51	1	36	33	406	384
307 William H. Taylor "	44	86	72	69	95.8	1127	66	163				2		6	4	105	384
Grammar Totals.	2888		9227	2880	94.5	53,008	1676	1610	75	73	3	160	28	142	108	1170	384

401	Phillips Avenue	Primary.	242	326	392	358	90.0	15,161	690	80	9	80	1	18	5	23	2	08	384
402	Cedar Grove Street	"	413	336	380	597	90.8	20,390	923	64	10	9		20	9	16	17	106	384
403	Clark Street	"	164	197	269	250	92.9	7208	557	44	4	14		64	2	18	4	97	384
404	Merrimac Street	"	180	180	245	245	90.3	8605	519	84	8	4	1	78	2	14	4	63	384
405	Mary B. White	"	101	148	168	168	90.2	6680	521	27	9	32		1	4	8	2	122	384
406	Horatio A. Kempton	"	144	121	242	220	90.9	8307	316	73	5	4	1	4	2	8	2	364	384
407	Cedar Street	"	128	99	202	185	92.5	6688	429	107	15	30		20	1	16	3	104	384
408	Cannonville	"	58	39	90	74	91.3	2379	208	34	4	4				11	2	85	384
409	Sylvia Ann Howland	"	107	91	207	185	93.2	5429	502	84	6	18		21	3	11	2	89	384
410	Thomas A. Greene	"	214	189	353	316	89.5	14,185	675	101	8	40	1	50	2	17	7	181	384
411	Acushnet Avenue	"	257	260	452	414	91.5	14,458	539	159	11	8		60	2	19	4	84	384
412	Thompson Street	"	197	363	327	363	90.0	18,792	562	143	11	23		52	5	21	1	241	384
413	Isaac W. Benjamin	"	333	322	553	509	92.2	16,298	598	188	10	45	2	18	2	18	1	243	384
414	Dartmouth Street	"	170	146	302	274	90.7	10,379	806	96	10	8		41	2	16	17	65	384
415	George H. Dunbar	"	178	172	325	249	88.9	13,817	450	135	10	31	1	41	2	16	17	65	384
416	John H. Clifford	"	27	24	41	37	90.2	1261	29	3	7	2				1	1	80	384
416	William H. Taylor	"	100	120	198	183	92.4	5933	265	34	2	4		32	22	9	12	164	384
Primary totals,			2994	2699	4989	4314	90.8	174,558	8203	1616	167	291	7	512	61	222	77	3091	384
501	Cedar Grove Street Kindergarten	"	28	35	84	28	82.3	1297	86	2				1		2		43	194
502	Cedar Street	"	23	34	37	26	70.2	2083	191	8				1		3	1	81	194
503	Thomas A. Greene	"	43	18	43	36	86.7	1497	118	2				21		4		96	194
Kindergarten totals,			94	87	114	90	78.9	4847	395	12				32		9	1	220	194
601	North Mill school,	"	26	8	30	29	96.6	379	8		2	4		4	2	3		6	302
602	South Mill	"	85	34	85	76	89.4	3370	127	194	4	39		1		2		70	302
Mill School totals,			111	114	115	105	91.3	3749	185	194	6	43		5	2	5		76	
603	Acushnet school,	"	67	63	115	108	93.9	2399	54	58		21		1	7	26	6	256	384
604	North	"	18	6	23	20	91.3	861	36	7						1		21	391
605	Plainville	"	11	11	21	19	90.0	630	3	1						2		349	
606	Rockdale	"	23	20	39	34	87.0	1896	119	34		4		4		4	2	20	381
Ungraded totals,			119	100	198	181	91.4	5728	212	100		25		5	7	33	8	297	
Grand totals,			5061	5020	8715	8024	92.1	257,214	13,920	4162	266	492	11	773	117	447	197	4370	

SCHOOL REPORT.

DEPARTMENT OF PUBLIC SCHOOLS.

EVENING ELEMENTARY SCHOOLS. REPORT FOR YEAR BEGINNING OCTOBER 5, 1903,
ENDING FEBRUARY 23, 1904.

NAME OF SCHOOL.	Total enrollment for year.		Average No. belonging.	Average Nightly attendance.	Per cent. of attendance.	Total nights absence.	No. cases of tardiness.	No. cases of dismissal.	No. cases suspension.	Half days teacher was absent.	Times teacher was tardy.	No. visits by superintendent.	No. visits by members committee.	No. visits by parents and others.	No. sessions held during month.
	Boys.	Girls.													
803 John H. Clifford.	501	455	641	522	81.8	4698	24	10	8	13	13	14	16	17	89
804 Phillips Avenue.	184	182	160	127	79.8	1360	91	3		5	6		5	36	39
805 Parker Street.	215	190	244	200	81.9	1840	107	21		21	1				39
806 Fifth Street.	480	184	315	238	81.8	2228	297	21		10					39
807 Robert C. Ingraham.	570	332	532	420	73.0	4366	202								39
	3083														
Grand totals.	1910	1183	1891	1523	80.5	14,571	591	34	15	49	20	14	21	53	

DEPARTMENT OF PUBLIC SCHOOLS.

801. EVENING HIGH SCHOOL. REPORT FOR YEAR
BEGINNING OCTOBER 5, 1903, ENDING MARCH 2, 1904.

Total enrollment for year.		Average No. belonging.	Average nightly attendance.	Per cent. of attendance.	Total nights absence.	No. cases of tardiness.	No. cases of dismissal.	Half days teacher was absent.	No. visits by superintendent.	No. sessions held during year.
Boys.	Girls.									
141										
85	56	82	64	78.0	994	88	38	1	1	55

DEPARTMENT OF PUBLIC SCHOOLS.

802. EVENING DRAWING SCHOOL. REPORT FOR YEAR
BEGINNING OCTOBER 6, 1903, ENDING FEBRUARY 26, 1904.

Total enrollment for year.		Average No. belonging.	Average nightly attendance.	Per cent. of attendance.	Total nights absence.
Boys.	Girls.				
107					
83	23	65	51	78.4	578

DEPARTMENT OF PUBLIC SCHOOLS.

705. COOKING SCHOOL. REPORT FOR YEAR
BEGINNING SEPTEMBER 14, 1903, ENDING JULY 1, 1904.

Total enrollment for year.	Average No. belonging.	Average attendance.	Per cent. of attendance.	Total half days absence.	No. cases of tardiness.	No. cases of dismissal.	No. visits by superintendent.	No. visits by members committee.	No. visits by parents and others.
Girls.									
386	345	324	93.8	421	21	5	3	13	29

DEPARTMENT OF PUBLIC SCHOOLS.

704. MANUAL TRAINING SCHOOL. REPORT FOR YEAR
BEGINNING SEPTEMBER 14, 1903, ENDING JULY 1, 1904.

Total enrollment for year.	Average No. belonging.	Average attendance.	Per cent of attendance	Total half days absence.	No. cases of tardiness.	No. cases of dismissal.	No. visits by superintendent.	No. visits by members committee.	No. visits by parents and others.
Boys									
527	442	480	97.2	245	94	31	3	10	45

AVERAGE AGE OF PUPILS IN VARIOUS GRADES.

HIGH SCHOOL.

Senior		Sub-Senior		Junior		Sub-Junior		Average Age	
Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.
17	8	17		16		15	3	16	6

GRAMMAR DEPARTMENT.

SCHOOL	Fifth Year		Sixth Year		Seventh Year		Eighth Year		Ninth Year		Average Age	
	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.
Harrington Normal and Training	11	10	12	10								
John Henry Clifford	12	4	12	11	13	4	14	3	15	1		
Fifth Street	11	9	12	6	13		14	3	15	4		
Robert C. Ingraham	11	10	12	7	13	4	14		15	4		
Middle Street	11	10	12	4	13	4	14	3	15	1		
Parker Street	11	9	12	4	13	2	13	10	14	11		
Wm. H. Taylor	12	3	12	9								
Av. age by grades	11	11	12	7	13	3	14	1	15	2	13	5

AVERAGE AGE OF PUPILS IN VARIOUS GRADES.

PRIMARY DEPARTMENT.

SCHOOL	First Year		Second Year		Third Year		Fourth Year		Average Age	
	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.
Acushnet Avenue	7	10	9	3	10	11	11	4		
Isaac W. Benjamin	7	2	8	11	10	6	11	7		
Cannonville	6	10	8	1	9	8	10	3		
Cedar Street	7	3	8	5	9	6	10	8		
Cedar Grove Street	7	7	8	9	10	8	11	8		
Clark Street	6	10	8	7	10		11			
John Henry Clifford							11	9		
Dartmouth Street	7	2	7	11	9		10	2		
George H. Dunbar	7	10	9		10	7	11	3		
Thomas A. Greene	7	4	9	5	10	4	11	3		
Sylvia Ann Howland	7	9	8	6	9	8	10	9		
Horatio A. Kempton	6	8	8	6	10	1	10	6		
Merrimac Street	7	3	9	9	10	8	11	5		
Phillips Avenue	7	2	8	10	10		11	3		
Wm. H. Taylor	6	10	8	1	9	11	10	6		
Thompson Street	7	2	8	9	9	11	11	1		
Mary B. White	7	6	8	4	10		10	10		
Harrington Normal and Training	6	11	8	3	9	5	11	11		
Av. age by grades	7	3	8	8	10		11	1	9	3

UNGRADED SCHOOLS.

SCHOOL	Grammar Department		Primary Department		Average Age	
	Yrs.	Mos.	Yrs.	Mos.	Yrs.	Mos.
Acushnet	13	7	9	5		
North	10	6	9	1		
Plainville	13	2	8			
Rockdale	11	7	7	3		
North Mill			13	2		
South Mill	13	7	13	5		
Average age by departments	12	6	10	1	11	3

KINDERGARTENS.

SCHOOL	Yrs.	Mos.
Cedar Street	5	2
Cedar Grove Street	5	
Thomas A. Greene	5	5
Average Age	5	2

NEW BEDFORD PUBLIC SCHOOLS.

RATES OF TUITION FOR NON-RESIDENT PUPILS FOR
SUMMER AND FALL TERMS, 1905.

	Summer Term 1905 12 weeks	Fall Term 1905 15 weeks
High School	\$22.82	\$28.53
Grammar School	9.22	11.55
Primary School	7.21	9.01
Normal and Training School	11.34	14.17
Evening Drawing School (20 weeks)	10.51	

DEPARTMENT OF PUBLIC SCHOOLS.

BRIEF DESCRIPTION OF THE SCHOOLHOUSES, WITH
THEIR ACCOMMODATIONS AND CONDITIONS.

NAME OF SCHOOL	LOCATION	Material	No. of stories	No. of schoolrooms	No of assembly halls	No. of sittings	Year completed	Estimated value
101 High	Summer, bet. Mill and North sts.	Brick	3	10		492	1876	\$113,388
201 Harrington Memorial	Cor. Court and Tremont sts.	Brick	3	10	1	420	1889	54,503
301 John H. Clifford	Coggeshall st	Brick	3	12	1	570	1901	54,525
302 Parker street	Parker st., near County st.	Brick	3	12	1	570	1892	86,379
304 Middle street	Summer, bet Elm and Middle sts.	Brick	3	9	1	482	1844	35,035
305 Fifth street	Cor. Fifth and Russell sts.	Brick	3	10	1	420	1860	35,898
306 Robert C. Ingraham	Rivet st.	Brick	3	12	1	570	1901	88,157
401 Phillips avenue	Cor. Phillips ave. and Bowditch st.	Brick	2	8		392	1887	47,561
402 Cedar Grove street	Cedar Grove st.	Brick	3	15		695	1883	35,932
403 Clark street	Cor. Clark and Myrtle sts.	Brick	2	8		392	1897	37,847
404 Merrimac street	Cor. Merrimac and State sts.	Brick	2	6		274	1857	18,113
405 Mary B. White	Cor. Pleasant and Maxfield sts.	Brick	2	4		196	1881	23,068
406 Horatio A. Kempton	Shawmut ave.	Brick	2	8		392	1901	51,819
407 Cedar street	Cor. Cedar and Maxfield sts.	Wood	2	6		274	1855	7,003
408 Cannonville	Rockdale ave.	Wood	2	2		96	1853	1,665
409 Sylvia Ann Howland	Cor. Pleasant and Kempton sts.	Brick	3	7		343	1893	65,100
410 Thomas A. Greene	Cor. Fourth and Madison sts.	Brick	2	8		392	1894	66,089
411 Acushnet avenue	Acushnet ave., nr. Grinnell st.	Brick	2	10		490	1878	49,966
412 Thompson street	Cor. Thompson and Crapo sts.	Brick	3	10		454	1885	87,800
413 Isaac W. Benjamin	Division st.	Brick	3	12		588	1891	33,875
414 Dartmouth street	Cor. Dartmouth and Hickory sts.	Wood	2	8		392	1855	17,106
415 George H. Dunbar	Cor. Dartmouth & Dunbar sts.	Brick	2	8		392	1897	45,087
416 William H. Taylor	Brock ave.	Brick	2	8		392	1898	44,977
417 Linden street	Linden st.	Wood	2	4		160		2,684
603 Acushnet	Lund's Corner, Acushnet	Wood	2	4		192	1889	7,500
604 North	County road	Wood	1	2		90	1852	2,000
605 Plainville	Plainville road	Wood	1	1		40	1846	1,000
606 Rockdale	Hathaway road	Wood	1	2		60	1855	1,254
2 Portable	Division street	Wood	1	2		80	1903	4,331
1 Portable	Madison street	Wood	1	1		40	1903	2,165

SALARIES.

HIGH SCHOOL.

Principal,	Maximum salary, \$3,000
Sub-master,	" " 1,900
Science teacher,	" " 1,800
Classics and science teacher,	" " 1,600
Commercial and mathematical teachers,	" " 1,500
Lady assistants,	" " 1,000
Military instructor,	" " 350

NORMAL AND TRAINING SCHOOL.

Principal,	Maximum salary, \$1,900
Vice-principal,	" " 1,200
Science teacher in Normal Dept., and supervisor in Primary grades,	" " 1,200
Regular assistants,	" " 675
Seniors, pupil teachers,	\$4 per week

GRAMMAR SCHOOLS.

Principals,	Maximum salary, \$1,900
Ninth grades,	" " 750
Eighth grades,	" " 675
Seventh grades,	" " 625
Sixth grades,	" " 625
Fifth grades,	" " 625

PRIMARY SCHOOLS.

Principals of buildings :		
With 4 or 5 rooms occupied,	Maximum salary, \$700	
" 6 or 7 " "	" " 750	
" 8, 9 or 10 " "	" " 800	
" 11 or 12 " "	" " 900	
" 15 or more, " "	" " 950	
Principals of buildings with number of rooms not specified in above list to be paid pro rata.		
Assistants in all grades,	" " 625	

SCHOOL REPORT.

UNGRADED SCHOOLS.

ACUSHNET.

Principal,	Maximum salary, \$900
Assistant with Seventh grade,	" " 625
" " Fifth and Sixth grades,	" " 625
" " First, Second, Third and Fourth grades,	" " 625

ROCKDALE.

Principal,	" " 700
Assistant,	" " 625

NORTH.

Principal,	" " 700
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PLAINVILLE.

Principal,	" " 600
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UNGRADED CITY SCHOOLS.

Grammar grades,	" " 650
Primary "	" " 625

SUPERVISORS AND SPECIAL TEACHERS.

Supervisor of Music,	Maximum salary, \$1,900
" Drawing,	" " 1,500
Teacher of French, Grammar grades,	" " 800
" Sloyd,	" " 1,600
" Cooking,	" " 700
" Sewing, supervisor,	" " 700
" " assistants (full time),	" " 550

The maximum salaries are paid only to such teachers as have taught at least three years and to whom such salaries are recommended to be paid by the proper sub-committees and the Committee on Salaries.

CALENDAR, 1905.

TERMS.

Winter term begins Jan. 2, 1905 ; ends March 31, 1905.

Summer term begins April 10, 1905 ; ends June 30, 1905.

Fall term begins Sept. 11, 1905 ; ends Dec. 22, 1905.

VACATIONS.

Spring vacation begins April 1, 1905 ; ends April 9, 1905.

Summer vacation begins July 1, 1905 ; ends Sept. 10, 1905.

Winter vacation begins Dec. 23, 1905 ; ends Dec. 31, 1905.

HOLIDAYS.

Every Saturday ; Washington's Birthday ; Patriots' Day ; Memorial Day ; from Wednesday noon before Thanksgiving the remainder of the week.

SCHOOL SESSIONS.

High School : 8.30 a. m. to 1.30 p. m.

Grammar and Manual Training Schools : Morning session, 9 to 11.45 o'clock. Afternoon session, 1.30 to 3.45 o'clock, without recess.

Primary Schools and Kindergartens : Morning session, 8.45 to 11.45 o'clock, with 15 minutes' recess, except in inclement weather, when the schools will close at 11.25 o'clock, without recess. Afternoon session, 1.30 to 3.30 o'clock, with a recess of 10 minutes.

Ungraded Schools : Sessions as prescribed by the Committee on Ungraded Schools.

FIRE ALARM SIGNAL FOR NO SCHOOL.

The signal for no session is two strokes of the fire alarm once repeated (2-2).

The signal for no session of the High School will be given at 7.30 o'clock a. m.

The signal for no session in all the other schools will be given at 8.15 o'clock a. m. for the morning session, and at 12.45 o'clock p. m. for the afternoon session.

Number of pupils who have left the High School during the school year 1903-1904:

	1903 Sept. to Dec.			1904 Jan. to June			1903-1904 Sept. to June		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Seniors,	0	1	1	1	0	1	1	1	2
Sub-Seniors,	2	2	4	1	1	2	3	3	6
Juniors,	4	4	8	6	0	6	10	4	14
Sub-Juniors,	7	2	9	10	5	15	17	7	24
	13	9	22	18	6	24	31	15	46

Causes for leaving:

	Boys	Girls
Illness,	0	11
Moved from city,	3	1
At work,	9	2
Neglect of school work,	15	0
Went to private school,	4	1
	31	15

Pupils entering the High School in Sept., 1904:

	Boys	Girls	Total
From New Bedford Public Schools,	52	86	138
From other schools,	2	6	8
	54	92	146

HIGH SCHOOL ENROLLMENT, BY CLASSES AND COURSES,

FOR THE SCHOOL YEAR FROM SEPT., 1904, TO JUNE, 1905.

	3 years course Commercial Course			General Course with Latin			General Course with French			School of Technology			College Course with German			College Course with Greek		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Seniors	0	0	0	2	12	14	1	13	14	9	0	9	4	20	24	3	4	7
Sub-Seniors	7	17	24	2	12	14	2	18	20	3	0	3	7	19	26	4	3	7
Juniors	19	14	33	2	13	15	4	11	15	0	0	0	15	11	26	6	3	9
Sub-Juniors	30	22	52	15	42	57	8	24	32	0	0	0	8	6	14	0	0	0
			109			102			81			12			90			23

Total enrollment :

Post Graduates,	14
Commercial Course,	109
General Course with Latin,	102
General Course with French,	81
School of Technology,	12
College Course with German,	90
College Course with Greek,	23
	<hr/>
Total,	431

Graduates of 1904 who entered the following named colleges and schools:

	Boys	Girls
School of Technology,	1	
Brown University,	2	
St. Charles Dental College, Baltimore,	1	
University of Maine, Orono, Me.,	1	
Wesleyan University, Middletown, Conn.,	1	
Harvard University,	2	
Beloit College, Beloit, Wis.,		1
Bridgewater Normal School,		2
Smith College, Springfield, Mass.,		1
Harrington Training School (ent. Jan., 1905)		6
Wellesley College (class 1903, P. G.)		1
	<hr/>	<hr/>
	8	11

1827-1904.

NEW BEDFORD HIGH SCHOOL.
GRADUATION EXERCISES.

AT THE NEW BEDFORD THEATRE,
FRIDAY, JULY 1, 1904.
2.30 P. M.

PROGRAMME.

1. March—"The Dandy Fifth," - - *Devlin*
Orchestra.
2. Prayer.
By the Rev. Clarence M. Gallup.
3. Salutatory.
Leon Ernest Varnum.
4. Overture—"Poet and Peasant," - - *Suppe*
Orchestra.
5. Oration—Unheralded Heroes.
Walter Ricketson Mitchell.
6. Essay—The Manufacture of Cotton Cloth.
(Illustrated by stereopticon views made by R. E. Townsend.)
Frank Irving Neild.

7. Selection from "The Yankee Consul," - *Robyn*
Orchestra.
8. Oration—Supposed Speech of Miltiades before the
Battle of Marathon.
Robert Edson Townsend.
9. Essay—Wireless Telegraphy.
* Edward Taber Almy.
10. Intermezzo—"Marcella," - - - *Johnson*
Orchestra.
11. Valedictory.
Harry Buffield Clough.
12. Awarding of Diplomas and Bourne Prizes.
By Hon. F. A. Milliken,
Chairman of the High School Committee.

* Excused to take college examination.

WINNERS OF THE JONATHAN BOURNE PRIZES.

First Prize Essay—"Ocean Currents and their Relation to .
Commerce and Climate." - Alice Howland Tripp

Second Prize Essay—"The Best Use of Leisure."
Natalie Thornton

Third Prize Essay—"Inspiration Comes to the Disciplined."
Clement Carrington Read.

13. Class Ode,

Words by Vesta W. King
Music, Bower's Recessional

I.

On life's broad river, wide and deep,
Our boats we launch with hope today.
The course each one with skill must keep,
As towards life's goal we bear away,
Straight *onward* till our star is set ;
But schoolmates dear we'll ne'er forget.

II.

Upon us now, sweet mem'ries throng
Of friendships dear and bright days past,
Which bind our hearts with ties so strong
That through the coming year they'll last.
Though 'round our path thorns may be set,
These school-days dear we'll ne'er forget.

III.

The Time for parting now draws nigh,
When as a class no more we'll stand ;
Let each one greet it with a sigh.
As forth we go, a Pilgrim band,
We say "Good-bye" with deep regret ;
But classmates dear we'll ne'er forget.

CLASS OF 1904.

"Onward."

College and General Courses.

(Four Years.)

Edward Taber Almy, Jr.,	Edna Wave Howland,
Harold Linwood Bowen,	Helen Beetle Hutchinson,
Walter Stanley Briggs,	Vesta Whitmore King,
Harry Duffield Clough,	Elizabeth Dean Macomber,
Clinton Maxfield Davis,	Mary Anne McDermott,
John Joseph Gibbons,	Margaret Irene McNulty,
George Edgar Lilley,	Annie Veronica O'Donnell,
Walter Ricketson Mitchell,	Clara May O'Neil,
Frank Irving Neild,	Grace Milton Potter,
Patrick Henry O'Connor,	Grace Aldred Russell,
Clement Carrington Read,	Clara Ethelind Sanford,
Henry Bartol Rooth,	Roberta Randall Sherman,
Harry William Sheehan,	Agnes Gertrude Sullivan,
Romeyn Andrew Spare,	Johanna Sweeney,
Robert Edson Townsend,	Natalie Thornton,
Leon Ernest Varnum,	Jane Ellis Thuman,
Frederick Henry Winship, Jr.	Alice Howland Tripp,
Helen Emily Baker,	Mary Monica Walsh,
Rachel Marquand Barrows.	Annie Frances Welsh,
Florence Josephine Fowler,	Ethel Perry Wilde.

Commercial Course.

(Three Years.)

Arthur Peleg Allen.	Katherine Theresa Gilmartin,
Isaac Lyndon Ashley, Jr.,	Ethel Eliza Heron,
Alfred Henry Eaton,	Mary Sawyer Keith,
Heres Gerstein,	Ellis Annie Lawes,
Leonard Francis Gurney,	Alice Louise McKenzie,
Thomas Arthur Raymond,	Annie Mendelson,
George Henry Sistare,	Ruth Jackson Nelson,
Lester Franklin Spooner,	Florence Susan Peirce,
William Orswell Wood,	Marie da Gloria da Silva Pitta,
May Ella Horton Barnes,	Sarah Alice Potter,
Jennie Bowler,	Ruth Evans Rounsvell,
Edith Brightman,	Cora Webster Stanley,
Estella Ruth Chace,	Lilian May Sylvia.
Mary Ruth Cochrane,	Martha Cunningham Thompson,
Grace Harper Cowen,	Eliza Kearney Wilson.
Stella Maud Ferguson,	

Post Graduate.

Belle Brown Hicks.

(*Advanced French and Algebra.*)

1889-1904.

GRADUATING EXERCISES
HENRY F. HARRINGTON NORMAL AND
TRAINING SCHOOL.

AT THE ROBERT C. INGRAHAM SCHOOL,
Friday, Dec. 16, 1904, 8 p. m.

ORDER OF EXERCISES.

1. Music.
High School Orchestra.
2. Prayer.
Rev. W. B. Geoghegan.
3. Music—"Morn-Rise," - - - *Czibulka*
School Chorus.
4. Thesis—"Opportunities for Art Study in
New Bedford."
Miss Bruce.
5. Music—"Nursery Rhyme Suite," - *Custance*
6. Thesis—"Music in the Public Schools."
Miss Forsyth.
7. Presentation of Diplomas.
Miss Betsey B. Winslow,
Chairman of Committee on Normal and Training School.

8. Address—"Liberal Education."

Prof. Frederick J. E. Woodbridge,
Columbia University.

9. Music.

High School Orchestra.

Theses.

"Interests of Children,"	- - - - -	Miss Beetle
"Opportunities for Art Study in New Bedford,"	-	Miss Bruce
"Language Teaching Illustrated, Grammar Grades,"	- -	
		Miss Cunningham
"Grasses,"	- - - - -	Miss Mills
"Music in the Public Schools,"	- - - - -	Miss Forsyth
"The Whaling Industry,"	- - - - -	Miss Greer
"A Study of Weather Reports,"	- - -	Miss Higham
"Educational Publications,"	- - - -	Miss Hillman
"Industrial Training,"	- - - - -	Miss Hurley
"A Plan Book,"	- - - - -	Miss Lowther
"The Evolution of the Map,"	- - - -	Miss Moorhouse
"Public Playgrounds,"	- - - - -	Miss Moulton
"The Training of Teachers,"	- - - -	Miss Pittman
"A Study of New Bedford School Reports,"	-	Miss Peirce
"Language Teaching Illustrated, Primary Grades,"	-	Miss Sullivan

Graduates.

Ruth Darling Beetle,	Alice Wade Lowther,
May Ursula Bruce,	Helen Davies Mills,
Gertrude Margaret Cunningham,	Ada Moorhouse,
Jennie Louise Forsyth,	Sadie May Moulton,
Jeanette Greer,	Augusta Wilder Pittman,
Charlotte Alice Higham,	Lizzie Alden Peirce,
Ella Rich Hillman,	May Margaret Sullivan.
Ellen Agnes Hurley,	

GRAMMAR SCHOOL GRADUATES.

1904.

Grammar Schools.

John H. Clifford, - -	15.	Mr. Edward B. Gray, Principal
Parker Street, - -	57.	Mr. Arthur F. Gilbert, Principal
Middle Street, - -	49.	Mr. Elwyn G. Campbell, Principal
Fifth Street, - -	39.	Mr. Allen F. Wood, Principal
Robert C. Ingraham, -	38.	Miss Alice C. Munsey, Principal

Ungraded Schools.

Acushnet, - - -	7.	Miss Sarah A. Russ, Principal
Rockdale, - - -	1.	Miss Lizzie M. Fisher, Principal

Total Number of Graduates.

Grammar Schools,	198
Ungraded Schools,	8
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Grand total,	206

SCHOOL BOARD, 1904.

CHARLES S. ASHLEY, Mayor, Chairman, ex-officio.

FRANK A. MILLIKEN, Vice-Chairman.

WILLIAM E. HATCH, Secretary and Superintendent.

SAMUEL HIGHAM, President of Common Council,
ex-officio.

Ward 1—J. Frank Weeks, Frank R. Pease, James H. Brown.

Ward 2—Simpson J. Blossom, Alfred Thornton, Lewis E. Bentley.

Ward 3—George W. H. Brownell, Edward G. Reynolds, Edgar B.
Hammond.

Ward 4—Ada W. Tillinghast, Frank A. Milliken, Alex. Mc. L.
Goodspeed.

Ward 5—Betsey B. Winslow, Louis M. Flocken, William C. Hawes.

Ward 6—Thomas W. Shaw, Joseph C. Pothier, John F. Rogers.

STANDING COMMITTEES.

WILLIAM E. HATCH, Secretary.

The first named on each Standing Committee is the Chairman of the same.

On High School — Milliken, Pothier, Winslow, Pease, Tillinghast, Weeks, Bentley.

On Grammar Schools — Tillinghast, Pothier, Bentley, Brownell, Hammond, Thornton, Reynolds.

On Primary Schools — Pothier, Winslow, Weeks, Pease, Rogers, Hawes, Flocken.

On Evening Schools and Ungraded Schools — Bentley, Weeks, Pease, Goodspeed, Hawes, Shaw, Brownell.

On Normal and Training School and Examination of Teachers — Winslow, Milliken, Goodspeed, Hammond, Flocken, Tillinghast, Reynolds.

On Manual Training and Music — Weeks, Winslow, Pease, Rogers, Brown, Shaw, Brownell.

On Text Books — Tillinghast, Milliken, Goodspeed, Brownell, Hawes, Blossom, Brown.

On Expenditures — Pothier, Milliken, Pease, Weeks, Bentley, Thornton, Rogers, Hammond, Reynolds, Higham.

On Howland Fund — Hammond, Bentley, Flocken, Reynolds, Thornton, Brownell, Higham.

On Rules — Rogers, Milliken, Hammond, Hawes, Thornton, Blossom, Shaw.

On Art — Thornton, Winslow, Goodspeed, Flocken, Tillinghast, Brown, Blossom.

Teachers and Janitors.

HIGH SCHOOL. No. 101.

Summer street, between Mill and North streets.

Wilson R. Butler, principal,	15 Chestnut st.,	\$3,000
William E Sargent, sub-master, and Mathematical teacher,	396 Union st.,	1,900
Charles R. Allen, Science teacher,	75 Madison st.,	1,800
Charles T. Bonney, Jr., Classic and Science teacher,	343 So. Orchard st.,	1,600
Edwin H. Harris, Commercial teacher,	8 Park place,	1,500
Wesley A. O'Leary, assistant,	35 Eighth st.,	1,500
Lydia J. Cranston, "	129 Elm st.,	1,000
Ethel O. Blanpied, "	110 So. Seventh st.,	1,000
Amy S. Rhodes, "	283 Union st.,	1,000
Mary E. Austin, "	512 Kempton st.,	1,000
Lucretia N. Smith, "	500 Cottage st.,	1,000
Emma K. Shaw, "	4 Morgan Terrace,	1,000
Helen L. Hadley, "	220 Grinnell st.,	1,000
Mabel W. Cleveland, "	105 Clinton st.,	1,000
Mary C. Wiggin, "	42 Summer st.,	1,000
Adah M. Tasker, "	398 Union st.,	1,000
Lena M. Newcastle, "	35 Eighth st.,	1,000
Edmond E. Baudoin, Military Instruc'r,	171 Court st.,	350
Clerk, Sarah D. Ottiwell,	184 Kempton st.,	600
Janitor, Phylauder Chace,	303 County st.,	1,000
Asst. Janitor, John D. Sherman,]	37 Vine st.,	700

NORMAL AND TRAINING SCHOOL.

HARRINGTON MEMORIAL. No. 201.

Court street, corner of Tremont street.

Cora A. Newton, principal,	390 Union st.,	\$1,900
Mary E. Trask, vice-principal,	216 Middle st.,	1,200
Carolyn D. Wood, Normal teacher and Nature Supervisor in Primary grades,	43 Foster st ,	1,200
Kate Moore, assistant,	105 Park st.,	675
Mary A. Days, "	134 Chestnut st.,	625
Madeline Gile, "	390 Union st.,	675
Annie B. Gidley, "	No. Dartmouth, Mass.,	525
May Johnson, "	163 Middle st.,	675
Harriet L. Shafter, "	215 Maxfield st.,	675

SENIORS—to graduate in December :

Alice C. Bartlett,	Acushnet, Mass.,	4.00
Anna A. Cleary,	245 Brownell st.,	4.00
Helen S. Gabriel,	435 Cottage st.,	4.00
Isabelle Harwood,	53 No. Ash st.,	4.00
Elizabeth P. Higham,	61 Locust st.,	4.00
Mary Martin,	67 Mill st.,	4.00
Katherine M. O'Malley,	100 Clark st.,	4.00
Mildred Perry,	111 Hillman st.,	4.00
Mabel B. Taylor,	242 Maxfield st.,	4.00
Bessie B. Wheeler,	84 State st.,	4.00

JUNIORS :

Mary A. Budgen,	39 Bay st.	
May O. Burrows,	Westport Factory, Mass.	
Mary E. Doyle,	144 State st.	
Edna W. Howland,	379 Mt. Pleasant st.	
Lucille C. Irving,	139 Chestnut st.	
Vesta W. King,	95 Walden st.	
Mary A. McDermott,	45 Smith st.	
Clara M. O'Neil,	34 So. Emerson st.	
Hazel R. Perry,	111 Hillman st.	
Agnes G. Sullivan,	398 Cedar st.	
Isabel L. Swift,	76 Hillman st.	
Annie F. Welsh,	199 County st.	
Janitor, Robert Arnett,	141 Tremont st.	800

GRAMMAR SCHOOLS.

JOHN H. CLIFFORD. No. 301.

Coggeshall street, corner Bowditch street.

Edward B. Gray, principal,	Fairhaven, Mass.,	\$1,900
Emma A. McAfee, assistant,	114 Chancery st.,	750
Lillian E. Page, "	Fairhaven, Mass.,	675
Lizzie A. Nickerson, "	31 Sycamore st.,	625
Florence M. Ellis, "	26 Seventh st.,	625
Carrie J. Hunt, "	147 Maxfield st.,	575
Laura B. Fuller, "	92 Hillman st.,	475
Mary L. Killigrew, "	135 Chestnut st.,	475
Mary G. LaPlante, "	271 Pleasant st.,	625
Susan Gifford, "	Fairhaven, Mass.,	625
Mabel F. Alden, "	232 Pleasant st.,	625
Rachel M. Wordell, "	No. Dartmouth, Mass.,	625
Louise M. Newhall, "	232 Pleasant st.,	625
Janitor, William Woolfenden,	87 Bowditch st.,	900

PARKER STREET. No. 302.

Parker street, near County street.

Arthur F. Gilbert, principal,	401 Purchase st.,	1,900
Katherine Haley, assistant,	80 Willis st.,	750
Gertrude M. Flanigan, "	181 Summer st.,	750
Daisy M. Butts, "	116 Willis st.,	675
Belle W. Burt, "	196 Cottage st.,	675
Mary L. Pettey, "	22 Pope st.,	625
Emily A. Delano, "	34 High st.,	625
Louise E. Hicks, "	98 Hillman st.,	625
A. Mabel Drew, "	215 Maxfield st.,	625
Helen C. Hervey, "	578 County st.,	625
Lillian T. Thomas, "	74 Parker st.,	625
Rose M. Meaney, "	235 Cedar st.,	625
S. Agnes Holmes, "	29 Parker st.,	625
Janitor, John H. Murphy,	184 Ashland st.	900

PARKER STREET ANNEX.

In Horatio A. Kempton School House.

Marie Clifford,	35 Eighth st.,	625
Jane E. Conway,	256 Fourth st.,	625

MIDDLE STREET. NO. 304.

Summer street, between Elm and Middle streets.

Elwyn G. Campbell, principal,	Fairhaven, Mass.,	1,900
Lucy F. Winchester, assistant,	Fairhaven, Mass.,	750
Lucy B. Fish,	619 County st.,	750
Anastasia O'Keefe,	174 Middle st.,	675
Etta M. Abbott,	233 Middle st.,	675
Julia C. Gifford,	18 Bedford st.,	625
Lizzie E. Omey,	63 Thomas st.,	625
Clara S. Vincent,	233 Middle st.,	625
Helen McCoy,	24 So. Sixth st.,	625
Elizabeth D. Hicks,	98 Hillman st.,	625
Regina M. Paul,	71 Morgan st.,	625
Janitor, LeRoy G. Tripp,	71 North st.	800

FIFTH STREET. NO. 305.

Fifth street, corner of Russell street.

Allen F. Wood, principal,	111 Acushnet ave.,	1,900
Lydia A. Macreading, assistant,	33 Bonney st.,	750
Sarah E. Stoddard,	352 County st.,	675
N. Emma Slack,	79 Fifth st.,	675
Mary W. Leymunion,	133 Arnold st.,	625
Mary A. Kane,	127 Grinnell st.,	625
Grace L. Carver,	243 Acushnet ave.,	625
Lottie M. Allen,	118 Fifth st.,	625
Nettie S. Baker,	109 Fourth st.,	625
Alice A. Sanborn,	464 County st.,	625
Lila B. Lewis,	236 Union st.,	625
Janitor, Henry T. Phillips,	311 County st.	800

ROBERT C. INGRAHAM. NO. 306.

Rivet street, between Acushnet avenue and Second street.

Alice C. Munsey, principal,	111 Fourth st.,	1,900
Harriet M. True, assistant,	358 Union st.,	750
Elizabeth M. Briggs,	351 County st.,	675
Agnes M. James,	59 Fifth st.,	675
Annie L. Murkland,	55 Walnut st.,	625
Helen T. Maxfield,	109 Fourth st.,	625
Cora B. Cleveland,	105 Clinton st.,	625
Anna H. Bartlett,	110 So. Seventh st.,	625

SCHOOL REPORT.**55**

Augusta W. Pittman, assistant,	37 Foster st.,	475
Elva A. Fellows, "	110 So. Seventh st.,	625
Lizzie M. Stow, "	77 Smith st.,	475
Jennie L. Forsyth, "	238 Palmer st.,	475
Mary A. Lee, "	55 Fifth st.,	625
Janitor, Dennis J. McAuliffe,	17 Bonney st.,	900

ROBERT C. INGRAHAM ANNEXES.**In Thompson Street School Building.**

Laura M. King,	Fairhaven, Mass.,	525
Annie R. Keith,	173 Washington st.,	525

In portable Schoolhouse in I. W. Benjamin schoolyard.

Lula M. Bennett,	390 Union st.,	625
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In So. Prim. Meth. Church, County street, near Thompson street.

Lucy M. White,	43 Fifth st.,	625
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In Hickey's Store, corner of Second and Blackmer streets.

Ellen A. Hurley,	218 Fourth st.,	475
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MIXED SCHOOL.**WILLIAM H. TAYLOR.****Brock avenue.****Grammar Grades. No. 307.**

Mary E. McAuliffe, principal,	75 Mill st.,	\$800
Carrie M. Leavitt, assistant,	16 Fifth st.,	625

Primary Grades. No. 416.

Mary B. Jason, assistant,	111 So. Seventh st.,	475
Myrtilla G. Sequeira, "	307 Court st.,	475
Elizabeth J. Hurley, "	232 Sawyer st.,	625
Adelaide M. Cota, "	22 Cottage st.,	625
Elizabeth C. Carter, "	211 Park st.,	625
Mary A. Horan, "	19 Viall st.,	575
Janitor, Henry M. Gifford,	31 Dudley st.,	700

PRIMARY SCHOOLS.

PHILLIPS AVENUE. No. 401.

Phillips avenue, corner Bowditch street.

Carrie E. Footman, principal,	59 Court st.,	\$800
Julia V. Tresham, assistant,	241 Browneil st ,	525
Josephine C. Yates, "	151 Merrimac st.,	525
Grace B. Gardner, "	109 Fourth st.,	625
Edith A. Austin, "	282 Pleasant st.,	625
Elsie M. Isherwood, "	129 Austin st.,	525
Helen I. Boyd, "	71 Willis st.,	625
Laura H. Wilde, "	35 Chestnut st.,	475
Harriet P. Brownell, "	133 Chestnut st.,	475
May Bryant, "	97 Austin st.,	475
Janitor, John H. Rudge,	131 Merrimac st.,	700

CEDAR GROVE STREET. No. 402.

Cedar Grove street, near Acushnet avenue.

Agnes J. Dunlap, principal,	258 Pleasant st.,	950
Kate Sweet, (absent on leave)	287 Kempton st.,	625
Mary A. Gilmartin, (supply teacher)	32 Rockland st.,	475
Mary R. Dalton, assistant,	401 Purchase st.,	625
Julia A. Ellis, "	401 Purchase st.,	625
Alice P. Winchester, "	Fairhaven, Mass.,	625
Mary F. Staples, "	109 Fourth st.,	625
Minnie H. Smythe, "	65 Chestnut st.,	625
Sara Peckham, "	106 Fourth st.,	625
Mary P. Brownell, "	133 Chestnut st.,	625
Mary E. Boardman, "	1108 Acushnet ave.,	625
Harriet Taylor, "	242 Maxfield st.,	625
Ethel E. Clapp, "	81 Hillman st.,	625
Gertrude H. Poole, "	No. Dartmouth, Mass.,	625
Mary W. Snow, "	68 Parker st.,	625
Mary I. McCormick, "	401 Purchase st.,	625
Grace W. Dillingham, "	64 Willis st.,	625

KINDERGARTEN DEPARTMENT. NO. 501.

Anna Hill, (absent on leave)		550
Harriet P. Bennett, (supply teacher)	Fall River, Mass.,	550
Irene M. Bassett,	166 Mill st.,	550
Janitor, Frederick O. Pollock,	171 Mill st.,	900

CLARK STREET. No. 403.

Clark street, corner Myrtle street.

Grace W. Russell, principal,	417 Union st ,	750
Isabella Luscombe, assistant,	245 Cedar st.,	625
Annie S. Ray, "	41 Parker st.,	625
Mary E. Bumpus, "	Fairhaven, Mass.,	625
Charlotte S. Christopher, "	33 Atlantic st.,	475
arriet J. Thorpe, "	10 Richmond st.,	625
Lucy S. Leach, "	163 Maxfield st.,	625
Janitor, Edwin Jones,	35 Myrtle st.,	700

MERRIMAC STREET. No. 404.

Merrimac street, corner State street.

Harriet S. Damon, principal,	223 Pleasant st.,	700
Margaret T. Kane, assistant,	530 Cottage st.,	625
Mary F. McIntyre, "	69 Willis st.,	625
Anna I. Dexter, "	11 Franklin st.,	625
Adelaide West, "	232 Pleasant st.,	625
Alice G. Lloyd, "	Fairhaven, Mass.,	525
Janitor, Edward H. Field,	286 Pleasant st.,	600

MARY B. WHITE. No. 405.

Maxfield street, corner Pleasant street.

Mary E. Pasho, principal,	169 Grinnell st.,	700
Clara C. M. Gage, assistant,	46 Summer st.,	625
Annie E. Pearce, "	47 Locust st.,	625
Margaret H. Holmes, "	661 County st.,	625
Janitor, William J. Cochrane,	189 North st.,	550

HORATIO A. KEMPTON. No. 406.

Shawmut avenue, near Maitland street.

Bessie P. Peirce, principal,	97 Willis st.,	750
Edith M. B. Taber, assistant,	82 Walden st.,	625
Clara L. Bennett, "	17 Lincoln st.,	625
Amelia A. Murray, "	319 Park st.,	625
Alice E. Jenney, "	43 Locust st.,	625
Charlotte G. Tourtelotte, "	65 Walden st.,	625
Janitor, Edward I. Lawrence,	49 So. Emerson st.	700

CEDAR STREET. NO. 407.

Cedar street, corner Maxfield street.

Annie G. Brawley, principal,	68 Walden st.,	750
Madeline A. Gregg, assistant,	443 Cottage st.,	625
Esther W. Paul, "	103 Sycamore st.,	625
Mabel L. Hathaway, "	216 Middle st.,	625
Ruth M. Tripp, "	718 County st.,	625

KINDERGARTEN DEPARTMENT, NO. 502.

Ada S. Blake, (absent on leave)	183 Kempton st.,	550
Helen A. Gammons, (supply teacher)	Hathaway road,	550
Susan F. Haskins,	87 Chestnut st.,	550
Janitor, Robert J. Moncrieff,	42 Hazard st.,	600

CANNONVILLE. NO. 408.

Rockdale avenue, near Kempton street.

Adelaide J. McFarlin, principal,	272 Cottage st.,	675
Florence A. Poole, assistant,	Jenny Lind st.,	625
Janitor, Thomas A. Wall,	900 Rockdale ave.,	150

SYLVIA ANN HOWLAND. NO. 409.

Pleasant street, between High and Kempton streets.

Marion H. Swasey, principal,	25 So. Emerson st.,	700
Jennie M. Deacon, assistant,	417 Union st.,	625
Helen J. Kirk, "	27 Franklin st.,	625
Esther L. Karcher, "	35 Hollyhock st.,	625
Helen L. Corish, "	86 Mill st.,	625
Janitor, Hiram T. Lumbert,	98 State st.,	700

THOMAS A. GREENE. NO. 410.

Fourth street, corner Madison street.

Annie L. Macreading, principal,	33 Bonney st.,	800
Bertha C. Hathaway, assistant,	269 Arnold st.,	625
Louise C. Loughlin, "	9 Lindsey st.,	575
Nellie E. Ashley, "	116 So. Sixth st.,	625
Sarah E. Sears, "	350 County st.,	625
Caroline E. Bonney, "	67 Bedford st.,	625
Mary E. Durfee, "	151 Grinnell st.,	575

SCHOOL REPORT.**59****PORTABLE SCHOOLHOUSE.**

Bessie M. Harwood, assistant,	53 No. Ash st.,	575
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KINDERGARTEN DEPARTMENT. NO. 503.

Josephine H. Cobb,	78 Bedford st.,	600
Rthel S. Gibbs,	27 Sycamore st.,	550
Janitor, Timothy J. Crowley,	95 Fourth st.,	700

ACUSHNET AVENUE. No. 411.**Acushnet avenue, near Grinnell street.**

Sarah E. Kirwin, principal,	101 So. Sixth st.,	900
Gertrude L. Corish, assistant,	86 Mill st.,	625
Mary E. Goggin,	587 Acushnet ave.,	625
Sylvia W. Paulding,	50 Fifth st.,	625
Alice A. Taylor,	299 County st.,	625
Caroline S. Sylva,	63 Washington st.,	625
Catherine O'Connell,	233 Acushnet ave.,	625
Eudora K. Barry,	285 Cedar st.,	625
Lida J. Brightman,	120 Acushnet ave.,	625
Julia M. Pilling,	90 Bedford st.,	625
Harriet L. Cornell,	33 So. Sixth st.,	625
Janitor, Samuel S. Broadbent,	119 Acushnet ave.,	700

ACUSHNET AVENUE ANNEX.**In former South Mission Chapel, corner South Water
and Leonard streets.**

Lucy W. Howland,	So. Dartmouth, Mass.,	525
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THOMPSON STREET. No. 412.**Thompson street, corner Crapo street.**

Lila D. Hayne, principal,	38 Fifth st.,	800
Annie B. Lyon, assistant,	109 Fourth st.,	625
Florence A. Howland,	109 Fourth st.,	625
Catherine A. McGuinness,	247 Fourth st.,	625
Bertha E. Jenney,	96 Morgan st.,	625
Emily W. Davis,	63 Bay st.,	625
Ethel M. Rogers,	130 Summer st.,	525
Sarah A. Winslow,	315 County st.,	625
Mary E. Cunningham,	131 So. Second st.,	625
Janitor, James T. Heron,	87 Washington st.,	700

ISAAC W. BENJAMIN. No. 413.

Division street, between Acushnet avenue and Second street.

Jaue E. Gilmore, principal,	245 Acushnet ave.,	900
Nellie W. Davis, assistant,	115 Summer st.,	625
Florence M. Anthony, "	7 Crapo st.,	625
Ethel Bliss, "	233 Arnold st.,	525
Carolyn B. Sylvia, "	110 South st.,	525
Florence E. Moore, "	427 Pleasant st.,	575
Sophie T. Anthony, "	123 Fifth st.,	625
Cecilia A. Deane, "	77 Fifth st.,	625
Frances A. Sequeira, "	307 Court st.,	525
Emma L. Gartland, "	9 Washington st.,	625
Laura C. McCabe, "	153 Grinnell st.,	625
Mary F. Livingston, "	16 Fifth st.,	625
Annie J. Chase, "	11 Chestnut st.,	625

PORTABLE SCHOOLHOUSE.

Bessie M. Noland,	Fairhaven, Mass.,	575
Janitor, Edwin S. Tallman,	129 South st.,	800

DARTMOUTH STREET. No. 414.

Dartmouth street, corner Hickory street.

Isadore F. Eldridge, principal,	359 County st.,	800
Sarah F. Pratt, assistant,	106 Fourth st.,	625
Carrie W. Bliss, "	233 Arnold st.,	625
Carolyn S. Jones, "	55 Court st.,	625
Nellie H. Cook, "	359 County st.,	625
Jeannette B. Fuller, "	34 Grape st.,	625
Alice B. Church, "	68 Forest st.,	625
Nellie L. Foster, "	55 Bonney st.,	625
Janitor, Henry L. Hathaway,	208 County st.,	650

GEORGE H. DUNBAR. No. 415.

Dartmouth street, corner Dunbar street.

M. Eva Schwall, principal,	21 Bonney st.,	800
Mary V. Perry, assistant,	93 Bedford st.,	625
Mary E. Ferrell, "	106 High st.,	625
Angela F. Bowie, "	111 Dartmouth st.,	625

SCHOOL REPORT.**61**

Helen G. Malley, assistant,	218 Fourth st.,	625
Alice J. Lawrence, "	351 County st.,	625
Ida M. Pettee, "	90 High st.,	625
Jane A. Murphy, "	301 Arnold st.,	625
Janitor, Thomas C. Holmans,	66 Cottage st.,	700

UNGRADED AND PARTIALLY GRADED SCHOOLS.**NORTH MILL. No. 601.**

J. H. Lowe block, 1017 Acushnet avenue, near Cedar Grove street.

Alice T. Corrigan, principal,	264 Pleasant st.,	\$625
Janitor, William J. Tilton,	396 Purchase st.,	\$5 pr. wk.

SOUTH MILL. No. 602.

Meaney's hall, corner So. Water and Division streets.

Lucy J. Remington, principal,	67 Fifth st.,	675
Ruby M. Tripp, assistant,	71 Willis st.,	625
Janitor, William Clarke,	41 Mosher st.	

ACUSHNET. No. 603.

Acushnet avenue, near Lund's Corner.

Sarah A. Ross, principal,	109 Fourth st.,	800
Marion H. Dexter, assistant,	148 Summer st.,	475
Naomi A. Turner, "	175 William st.,	625
Lucie White, "	Acushnet, Mass.,	625
May U. Bruce, "	112 High st.,	475
Janitor, Jason F. Pierce,	226 River road,	450

NORTH. No. 604.

County Road.

Mary I. Ashley, principal,	Clifford, Mass.,	600
Janitor, Paul C. Leonard,	Clifford, Mass.	150

PLAINVILLE. No. 605.

Plainville Road.

Emma G. Casey, principal,	Hathaway road,	600
Janitor, Philip S. Hatch,	Plainville road.	75

ROCKDALE. No. 606.

Hathaway road, near Rockdale avenue.

Lizzie M. Fisher, principal,	175 William st.,	700
Alice P. Terry, assistant,	179 Hathaway road,	625
Janitor, Harry O. Casey,	Hathaway road.	120

SUPERVISORS AND SPECIAL TEACHERS.

SINGING. No. 702.

Fred'k H. Butterfield, supervisor,	140 Summer st.	1,900
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DRAWING. No. 703.

Lucy C. Bedlow, supervisor,	20 Seventh st.,	1,500
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MANUAL TRAINING. No. 704.

Edwin R. King, special teacher,	95 Walden st.,	1600
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COOKING. No. 705.

Mabel W. Chandler, special teacher,	35 Eighth st.,	700
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FRENCH. No. 706.

Lois A. Leonard, special teacher,	439 County st.,	800
	8th grades.	

SEWING. No. 707.

Lena M. Willis, supervisor,	106 Oak st.,	700
Gertrude H. Leonard, assistant,	23 Seventh st.,	550
Emma S. Y. Alley, "	464 County st.,	550
Dora D. Parker, "	133 Chestnut st.,	550

PERMANENT SUBSTITUTE. No. 708.

Janet Hunter,	55. No. Sixth st.,	450
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SPARE JANITORS.

Wallace C. Tilton,	21 Richmond st.,	600
William Clarke,	41 Mosher st.,	600
William K. Green,	69 Mill st.,	600

EVENING HIGH SCHOOL. No. 801.

In High School Building.

		Per night
William E. Sargent, principal,	396 Union st.,	\$5.00
Edwin H. Harris, "	8 Park pl.,	3.50
Charles R. Allen, "	75 Madison st.,	3.50
Lois A. Leonard, "	439 County st.,	2.00
Gertrude M. Flanigan,	181 Summer st.,	2.00
Lillian R. Davenport, assistant,	356 Reed st.,	1.00

EVENING DRAWING SCHOOL. No. 802.

In High School Building.

George H. Nye, principal,	23 Arnold pl.,	4.50
Lena M. Newcastle, assistant,	35 Eighth st.,	3.00
Fred M. Reed, "	117 Fourth st.,	3.00
Oliver H. Gardner, "	48 North st.,	3.00

EVENING ELEMENTARY SCHOOLS.

JOHN H. CLIFFORD SCHOOL. No. 803.

Coggeshall street, corner Bowditch street.

	Per night
Edward B. Gray, principal,	\$3 50
Carolyn S. Jones, assistant,	1.50
Mary L. Killigrew, "	1.50
Alice T. Corrigan, "	1.50
Sylvia W. Paulding, "	1.50
Anna A. Cleary, "	1.50
Mary F. Staples, "	1.50
Alice Kelleher, "	1.50
Julia V. Tresham, "	1.50
Elizabeth A. Dunn, "	1.50
Mary E. Herlihy, "	1.50
Lizzie M. Stow, "	1.50
Helen S. Gabriel, "	1.50
Ilda L. Pope, "	1.50
Helen D. Mills, "	1.50
Ada Moorhouse, "	1.50
Josephine C. Yates, "	1.50

Mary G. LaPlante,	assistant,	1.50
Mary Bryant,	"	1.50
Mary A. Days,	"	1.50
Carrie M. Leavitt,	"	1.50
Florence E. Moore,	"	1.50
Mary I. McCormick,	"	1.50
Harriet M. True,	"	1.50
Alice A. Sanborn,	"	1.50
Sarah L. Burleigh,	"	1.50
Mary P. Story,	"	1.50
Florence B. Fitz,	"	1.50
Rachel M. Wordell,	"	1.50
Alice C. Bartlett,	"	1.50
Margery C. Bruce,	clerk,	1.50

PHILLIPS AVENUE. No. 804.

Phillips avenue, corner Bowditch street.

	Per night
Eliza G. M. Jenney, principal,	\$3.00
Nellie L. Foster, assistant,	1.50
Helen T. Maxfield,	1.50
Effie B. Wallace,	1.50
Grace D. Wixon,	1.50
Jessie K. Cross,	1.50
Ethel E. Fullerton,	1.50
Harriet P. Brownell,	1.50

PARKER STREET. No. 805.

Parker street, near County street.

	Per night
Mary A. Kane, principal,	\$3.50
Gertrude L. Corish, assistant,	1.50
Rose M. Meauey,	1.50
Sara L. Tallman,	1.50
Harriet J. Thorpe,	1.50
Margaret H. Holmes,	1.50
Madeline Gile,	1.50
Minnie H. Smythe,	1.50
Lizzie E. Frasier,	1.50
Amelia A. Murray,	1.50

Bessie P. Peirce,	assistant,	1.50
Ruby M. Pripp,	"	1.50
Mae Johnson,	"	1.50
Clara L. Bennett,	"	1.50

FIFTH STREET SCHOOL. No. 806.

Fifth street, corner of Russell street.

	Per night
Elwyn G. Campbell, principal,	\$3.50
Helen McCoy, assistant,	1.50
Mary V. Perry,	1.50
Julia C. Gifford,	1.50
Cecilia A. Deane,	1.50
Susan Gifford,	1.50
Ruth M. Tripp,	1.50
Lila B. Lewis,	1.50
Etta M. Abbott,	1.50
Charlotte G. Tourtelotte,	1.50
N. Emma Slack,	1.50
Caroline E. Bonney,	1.50
Mary R. Dalton,	1.50
Lottie S. Christopher,	1.50
Mary E. Cunningham,	1.50
Phebie E. Baker,	1.50
Lida J. Brightman,	1.50

ROBERT C. INGRAHAM SCHOOL. No. 807.

Rivet street, between Acushnet avenue and Second street.

	Per night
Wesley A. O'Leary, principal,	\$3.50
Marie Clifford, assistant,	1.50
Kate K. Whelden,	1.50
Emma L. Gartland,	1.50
Esther L. Karcher,	1.50
Mary B. Jason,	1.50
Carolyn B. Sylvia,	1.50
Mary E. Holden,	1.50
Mary E. Goggin,	1.50
Mary A. Horan,	1.50
Helen F. Murphy,	1.50

Mary F. Livingston, assistant,	1.50
Jennie M. Deacon, "	1.50
Ethel Pollard, "	1.50
John Silva, "	2.00
M. Annie Taber, "	1.50
Annie I. Burt, "	1.50
Margaret Gleason, "	1.50
Elva A. Fellows, "	1.50
Myrtilia G. Sequeira, "	1.50
Harriet Ashley, "	1.50
Carolyn P. Brightman, "	1.50
Gertrude M. Cunningham "	1.50
Catherine A. McGuinness "	1.50
Anna H. Bartlett, "	1.50
Mary G. Almy, "	1.50
Clara S. Blake, clerk,	1.50

SCHOOL DISTRICT LINES.

HIGH SCHOOL. No. 101.

The High School district includes the whole city.

HARRINGTON MEMORIAL. No. 201.

PRIMARY LINES.

North Line—Beginning at Cottage street, the center of Kempton street to Park street; center of Park street to Mill street; center of Mill street to Florence street; center of Florence street to Court street; center of Court street to Dartmouth line.

East Line—Beginning at Kempton street, along Cedar street to Court street, not including Cedar street; center of Court street to County street; center of County street to Hawthorn street.

South Line—Beginning at County street, the center of Hawthorn street to Ash street; center of Ash street to Allen street; center of Allen street to Dartmouth line.

West Line—Dartmouth line from Allen street to Court street.

GRAMMAR LINES.

North Line—Beginning at Chancery street, the center of Kempton street to the city limit.

East Line—Beginning at Kempton street, the center of Chancery street to Hawthorn street.

South Line—Beginning at Chancery street, the center of Hawthorn street to the city limit.

West Line—Dartmouth line, from Hawthorn street to Kempton street.

(See note Middle Street school district lines.)

JOHN H. CLIFFORD. No. 301.

North Line—Beginning at water front, the center of Shaw street to a point on Shawmut avenue where Shaw street would strike it if extended.

East Line—Water front from Shaw street to Wamsutta street.

South Line—Beginning at water front, the center of Wamsutta street to railroad track; railroad track to Weld street; center of Weld street to Mt. Pleasant street; center of Mt. Pleasant street to Mt. Vernon street; center of Mt. Vernon street to Shawmut avenue.

West Line—Beginning at Mt. Vernon street, the center of Shawmut avenue to Shaw street.

PARKER STREET. No. 302.

North Line—Beginning at railroad track, the center of Weld street to Mt. Pleasant street; center of Mt. Pleasant street to Mt. Vernon street; center of Mt. Vernon street to Shawmut avenue; center of Shawmut avenue to Grand street; center of Grand street to the city limit.

East Line—Beginning at the center of Weld street, railroad track to the center of Wamsutta street; center of Wamsutta street to water front; water front to the center of North street.

South Line—Beginning at water front the center of North street to Ash street; center of Ash street to Maxfield street; center of Maxfield street to Rockdale avenue; center of Rockdale avenue to Milton street; center of Milton street to city limit.

West Line—The Dartmouth line from a point where Milton street would strike it if extended to a point where Grant street would strike it if extended.

MIDDLE STREET. No. 304.

North Line—Beginning at water front, the center of North street to Ash street; center of Ash street to Maxfield street; center of Maxfield street to Rockdale avenue; center of Rockdale avenue to Milton street; center of Milton street to city limit.

East Line—City limit.

South Line—Beginning at water front, the center of Commercial street to Water street; center of Water street to Spring street; center of Spring street to County street; center of County street to Arnold street; center of Arnold street to Cottage street; center of Cottage street to Hawthorn street; center of Hawthorn street to city limit.

West Line—Dartmouth line from Hawthorn street to a point where Milton street would strike it if extended.

Note. These boundaries represent the district for all grammar grades between the Parker street school district on the north and the Fifth street school district on the south, with the exception of the district assigned to the fifth and sixth grades in the Harrington Training school. (See Harrington school district line).

FIFTH STREET. No. 305.

North Line—Beginning at water front, the center of Commercial street to Water street; center of Water street to Spring street; center of Spring street to County street; center of County street to Arnold street; center of Arnold street to Cottage street; center of Cottage street to Hawthorn street; center of Hawthorn street to city limit.

East Line—Water front from Commercial street to Grinnell street.

South Line—Beginning at water front, the center of Grinnell street to Dartmouth street; center of Dartmouth street to Cemetery line; along the Cemetery line to Rockdale avenue; center of Rockdale avenue to Allen street; center of Allen street to the city limit.

West Line—Dartmouth line from Hawthorn street to Allen street.

ROBERT C. INGRAHAM. No. 306.

North Line—Beginning at water front, the center of Grinnell street to Dartmouth street; center of Dartmouth street to south line of Cemetery; along the Cemetery line to Rockdale avenue; center of Rockdale avenue to Allen street; center of Allen street to city limit.

East Line—Water front from Grinnell street to Cove street.

South Line—Beginning at water front, the center of Cove street to County street; center of County street to water front; beginning at water front, south side of Cove road to city limit.

Note. This south line determines the boundary between the Robert C. Ingraham school and the William H. Taylor school for the fifth, sixth and seventh grades. All pupils in the eighth and ninth grades living south of the center of Grinnell street attend the Robert C. Ingraham school.

West Line—Dartmouth line from Cove road to Allen street.

WILLIAM H. TAYLOR.

GRAMMAR LINES. NO. 307.

North Line—Beginning at water front, the center of Cove street to County street ; center of County street to water front.

East Line—Water front from Cove street south to city limit.

South Line—Water front.

West Line—Water front to County street.

PRIMARY LINES. NO. 416.

North Line—Beginning at water front, center of Cove street to West French avenue; center of West French avenue to Cove road ; center of Cove road to County street.

East Line—Water front from Cove street south to city limit.

South Line—Water front.

West Line—Water front to County street.

PHILLIPS AVENUE. NO. 401.

First and Second Grades.

North Line—Beginning at water front, the center of Shaw street to a point on railroad track where Shaw street would strike it if extended.

East Line—Water front from Shaw street to Holly street.

South Line—Beginning at water front, the center of Holly street to railroad track.

West Line—Railroad track from Holly street to Shaw street.

Third and Fourth Grades.

North Line—Beginning at water front, the center of Shaw street to a point on railroad track where Shaw street would strike it if extended.

East Line—Water front from Shaw street to Holly street.

South Line—Beginning at water front, the center of Holly street to railroad track.

South Line—Indefinite for fourth grade.

West Line—Railroad track from Holly street to Shaw street.

CEDAR GROVE STREET. No. 402.

North Line—Beginning at water front the center of Holly street to railroad track.

East Line—Water front from Holly street to a point just north of Maxfield street.

South Line—None.

West Line—Railroad track from a point just north of Maxfield street to Holly street.

CLARK STREET. No. 403.

North Line—Beginning at railroad track, the center of Shaw street to a point where Shaw street would strike Highland street if both streets were extended.

East Line—Railroad track from Shaw street to Weld street.

South Line—Beginning at railroad track, the center of Weld street to New County street; center of New County street to Linden street; center of Linden street to County street; center of County street to Austin street; center of Austin street to Cottage street; center of Cottage street to Durfee street; center of Durfee street to Highland street.

West Line—Beginning at Durfee street, the center of Highland street to a point where Shaw street would strike Highland street if both streets were extended.

MERRIMAC STREET. No. 404.

North Line—Beginning at railroad track, the center of Weld street to New County street; center of New County street to Linden street; center of Linden street to County street; center of County street to Austin street; center of Austin street to a point where Chestnut street would strike it if extended.

East Line—Railroad track from Weld street to Pearl street.

South Line—Beginning at railroad track, the center of Pearl street to County street; center of County street to Willis street; center of Willis street to Chestnut street.

West Line—Beginning at Willis street, the center of Chestnut street to a point on Austin street where Chestnut street would strike it if extended.

MARY B. WHITE. No. 405.

North Line—Beginning at railroad track, the center of Pearl street to County street; center of County street to Willis street; center of Willis street to Chestnut street.

East Line—Railroad track from Pearl street to a point just north of Maxfield street; the water front from a point just north of Maxfield street to North street.

South Line—Beginning at water front, the center of North street to Chestnut street.

West Line—Beginning at North street, the center of Chestnut street to Willis street.

HORATIO A. KEMPTON. No. 406.

North Line—Beginning at a point where Highland street would strike Shaw street if both were extended, the center of Shaw street to Shawmut avenue; center of Shawmut avenue to Grand street; center of Grand street to Rockdale avenue.

East Line—Beginning at a point on Hathaway road where Highland street would strike it if extended, the center of Highland street to Durfee street; center of Durfee street to Cottage street; center of Cottage street to Austin street; center of Austin street to a point where Chestnut street would strike it if extended; center of Chestnut street to Willis street.

South Line—Beginning at Chestnut street, the center of Willis street to the Oak Grove cemetery; east line of cemetery to south side of Parker street; both sides Parker street to Rockdale avenue.

West Line—Beginning at Parker street, the center of Rockdale avenue to Grand street.

CEDAR STREET. No. 407.

North Line—Beginning at Chestnut street, the center of Willis street to Oak Grove cemetery; east line of cemetery to Parker street; south side of Parker street, not including Parker street, to a point where Lindsey street would strike Parker street if extended.

East Line—Center of Chestnut street from Willis street to Kempton street.

South Line—Beginning at Chestnut street, the center of Kempton street to Park street; center of Park street to Mill street; center of Mill street to Lindsey street.

West Line—Beginning at Mill street, the center of Lindsey street to a point on Parker street where Lindsey street would strike it if extended.

CANNONVILLE. No. 408.

North Line—Beginning at Lindsey street, both sides of Parker street to Rockdale avenue; center of Rockdale avenue to Grand street; center of Grand street to a point on Dartmouth line where Grand street would strike it if extended.

East Line—Beginning at Parker street, the center of Lindsey street to Mill street; center of Mill street to Florence street; center of Florence street to Court street.

South Line—Beginning at Florence street, the center of Court street to Dartmouth line.

West Line—Dartmouth line from Court street to a point where Grand street would strike it if extended.

SYLVIA ANN HOWLAND. No. 409.

North Line—Beginning at water front, the center of North street to Chestnut street.

East Line—Water front from North street to Union street, including city islands.

South Line—Beginning at water front, the center of Union street to County street; center of County street to Court street; center of Court street to Cedar street.

West Line—Beginning at Court street, both sides of Cedar street to Kempton street; center of Kempton street to Chestnut street; center of Chestnut street to North street.

THOMAS A. GREENE. No. 410.

North Line—Beginning at water front, the center of Union street to County street.

East Line—Water front from Union street to Howland street.

South Line—Beginning at water front, the center of Howland street to Acushnet avenue; center of Acushnet avenue to Wing street; center of Wing street to County street.

West Line—Beginning at Wing street, the center of County street to Union street.

ACUSHNET AVENUE. No. 411.

North Line—Beginning at water front, the center of Howland street to Acushnet avenue; center of Acushnet avenue to Wing street; center of Wing street to Fifth street.

East Line—Water front from Howland street to Rockland street.

South Line—Beginning at water front, the center of Rockland street to County street.

West Line—Center of County street from Rockland street to Grinnell street ; between Wing street and Grinnell street ; exclude County street, Sixth street, and Fifth street.

THOMPSON STREET. NO. 412.

North Line—Beginning at water front, the center of Rockland street to Bolton road.

East Line—Water front from Rockland street to Rivet street.

South Line—Beginning at water front, the center of Rivet street to Bolton road.

West Line—Beginning at Rivet street, Bolton road to Thompson street, not including Bolton road; the center of Bolton road from Thompson street to Rockland street.

ISAAC W. BENJAMIN. NO. 413.

North Line—Beginning at water front, the center of Rivet street to Crapo street.

East Line—Water front from Rivet street to Cove street.

South Line—Beginning at water front, the center of Cove street to West French avenue ; center of West French avenue to Cove road ; center of Cove road to Crapo street.

West Line—Center of Crapo street from Cove road to Rivet street.

DARTMOUTH STREET. NO. 414.

North Line—Beginning at County street, the center of Hawthorn street to Ash street ; center of Ash street to Allen street ; both sides of Allen street to Dartmouth line

East Line—Beginning at Hawthorn street, the center of County street to Wing street ; south side of Wing street to Fifth street ; both sides of Fifth street to Grinnell street ; center of Grinnell street to County street center of County street to Rockland street.

South Line—Beginning at County street, the center of Rockland street to Bolton road ; center of Bolton road to Thompson street ; center of Thompson street to Dartmouth street ; center of Dartmouth street to south side Rural cemetery ; south side Rural cemetery to Winterville road ; center of Winterville road to Dartmouth line.

West Line—Dartmouth line from Winterville road to Allen street.

GEORGE H. DUNBAR. No. 415.

North Line—Beginning at Crapo street, center of Rivet street to Bolton road; both sides of Bolton road to Thompson street; center of Thompson street to Dartmouth street; center of Dartmouth street to south line of Rural cemetery; south line of Rural cemetery to Winterville road; center of Winterville road to Dartmouth line.

East Line—Beginning at Rivet street, the center of Crapo street to Cove road.

South Line—Beginning at Crapo street, both sides of Cove road to Dartmouth line.

West Line—Dartmouth line from Cove road to Winterville road.

ACUSHNET. No. 603.*For All Grades Below the Seventh.*

North Line—Beginning at a point on the Acushnet line where Phillips road would strike it if extended, an imaginary line to railroad track.

East Line—The Acushnet line from the north boundary to Shaw street.

South Line—Beginning at Acushnet line, the center of Shaw street to railroad track.

West Line—Railroad track from Shaw street to the north boundary.

For All Grades Above the Sixth.

North Line—Beginning at the Acushnet line, the Freetown line to railroad track.

East Line—Beginning at the Freetown line, the Acushnet line to Shaw street.

South Line—Beginning at the Acushnet line, the center of Shaw street to railroad track.

West Line—Railroad track from Shaw street to the Freetown line.

NORTH. No. 604.*For All Grades Below the Seventh.*

North Line—Beginning at the Acushnet line, the Freetown line to railroad track.

East Line—Beginning at the Freetown line, the Acushnet line to a point where Phillips road would strike it if extended.

South Line—Beginning at a point on Acushnet line where Phillips road would strike it if extended, an imaginary line to railroad track.

West Line—Railroad track from the south line to the Freetown line.

PLAINVILLE. No. 605.

North Line—Beginning at railroad track, the Freetown line to Dartmouth line.

East Line—Beginning at the Freetown line, railroad track to a point where Shaw street would strike it if extended.

South Line—Beginning at railroad track, the center of Shaw street if extended to Shawmut avenue; center of Shawmut avenue to railroad track; railroad track to Dartmouth line.

West Line—Dartmouth line from a point where Shaw street would strike it if extended, to the Freetown line.

ROCKDALE. No. 606.

North Line—Beginning at Shawmut avenue, the railroad track to the Dartmouth line.

East Line—Beginning at railroad track, the center of Shawmut avenue to Grand street.

South Line—Beginning at Shawmut avenue, the center of Grand street to a point on Dartmouth line where Grand street would strike it if extended.

West Line—Dartmouth line from Grand street to railroad track.

APPROVED LIST OF TEXT-BOOKS TO BE USED IN THE HIGH SCHOOL.

SCIENCE.

Allen: Laboratory Exercises in Elementary Physics.	
Edition for pupils.	Henry Holt & Co.
Atkinson: Lessons in Botany.	Henry Holt & Co.
Avery: Elements of Natural Philosophy.	American Book Co.
Avery: School Physics.	American Book Co.
Bergen: Foundations of Botany, with Key and Flora for	
Northern & Central States.	Ginn & Co.
Gifford: Elementary Lessons in Physics.	Thompson, Brown & Co.
Harvard College Elementary Physics.	
Jackson: Elementary Book on Electricity and Magnetism.	
Edition 1902.	Macmillan Co.
Merrill: Studies in Zoology.	American Book Co.
Mill: Realm of Nature.	Chas. Scribner's Sons.
Overton: Applied Physiology.	American Book Co.
Pierce: Problems in Elementary Physics.	Henry Holt & Co.
Remsen: Chemistry.	Henry Holt & Co.
Stone: Experimental Physics.	Ginn & Co.
Storer & Lindsay: Elementary Manual of Chemistry.	
	American Book Co.

GEOGRAPHY.

Adam: Commercial Geography.	D. Appleton & Co.
Tarr: First Book of Physical Geography.	Macmillan Co.

PHYSIOLOGY AND HYGIENE.

Hutchison: Physiology and Hygiene.	Maynard, Merrill & Co.
Preece: Physical Culture.	C. W. Bardeen.

MATHEMATICS.

Atwood: Exercises in Algebra.	Silver, Burdett & Co
Harvard University Syllabus of Propositions in Geometry.	
Packard: New Commercial Arithmetic.	S. S. Packard, N. Y.
Well: Academic Arithmetic.	D. C. Heath & Co.
Wentworth: School Algebra.	Ginn & Co.
Wentworth: School Algebra, revised.	Ginn & Co.
Wentworth: College Algebra.	Ginn & Co.
Wentworth: New Plane and Solid Geometry, revised.	Ginn & Co.
Wentworth: Plane Geometry, revised.	Ginn & Co.
Wentworth: Trigonometry.	Ginn & Co.

MUSIC.

Beacon Song Collection.	Silver, Burdett & Co.
Laurel Song Book, W. L. Tomlins, editor.	C. C. Birchard & Co.

BOOKKEEPING AND STENOGRAPHY.

Altmaier: The Model Typewriting Instructor.	
Barnes: Shorthand Manual.	Parke, Schocke, Phil.
Burdick: Essentials of Business Law.	Arthur J. Barnes.
Ellis: Actual Guide to Business Practice.	D. Appleton & Co.
Hill: Commercial Law.	The Packard Text-Book Co. Cleveland, Ohio.
Munson: Art of Phonography.	G. P. Putnam & Sons.
Munson: Universal Dictation Course.	W. L. Musick Pub. Co.
Williams & Rogers: Modern Illustrative Bookkeeping. Advanced course, special Albany and Troy edition.	American Book Co.

HISTORY.

Allen: Short History of the Roman People.	Ginn & Co.
Barnes: Brief History of Ancient Peoples.	American Book Co
Botsford: History of Greece.	Macmillan Co.
Botsford: History of Rome.	Macmillan Co.
Fiske: Civil Government.	Houghton, Mifflin & Co.
Fiske: History of the United States.	Houghton, Mifflin & Co.
Lancaster: History of England.	American Book Co.

Larned: English History.	Houghton, Mifflin & Co.
Montgomery: Facts in English History.	Ginn & Co.
Munro: A History of the Middle Ages.	D. Appleton & Co.
Myer's: Ancient History. Revised edition.	Ginn & Co.
Swinton: Outlines of World History.	American Book Co.

ENGLISH.

Addison: The Sir Roger de Coverly Papers.	
Brooks: English Literature.	Benj. H. Sanborn & Co. American Book Co.
Bryant: Thanatopsis and Others. English	Classic Series. Maynard, Merrill & Co.
Buehler: Practical Exercises in English.	Harper Bros.
Burke: Speech on American Taxation.	Maynard, Merrill & Co.
Burke: Speech on Conciliation with American Colonies.	
Byron: Child Harold.	Maynard, Merrill & Co. Houghton, Mifflin & Co.
Carlyle & Hawthorne: Legends of the Province House, etc. (Modern Classic Series).	Houghton, Mifflin & Co.
Carlyle: Essay on Burns.	Houghton, Mifflin & Co.
Chaucer: Prologue to the Canterbury Tales.	
Church: Stories from the Iliad.	Maynard, Merrill & Co. Macmillan Co.
Church: Stories from Virgil.	Macmillan Co.
Coleridge: The Ancient Mariner.	American Book Co.
Cooper: Last of the Mohicans.	Houghton, Mifflin & Co.
DeFoe: The Plague Year.	Ginn & Co.
DeQuincey: Revolt of the Tartars	American Book Co.
Dowden: Shakespeare.	American Book Co.
Dryden: Palamon and Arcite.	American Book Co.
Emerson: Select Essays and Poems.	Allyn & Bacon.
Eliot: Silas Marner.	Houghton, Mifflin & Co.
Franklin: Autobiography.	Houghton, Mifflin & Co.
Goldsmith: The Traveller and Deserted Village.	
Goldsmith: Vicar of Wakefield (small).	Houghton, Mifflin & Co.
Goldsmith: Vicar of Wakefield (large).	Houghton, Mifflin & Co.
Hawthorne: House of Seven Gables.	Houghton, Mifflin & Co.
Hill: (A. S.) Foundations of Rhetoric.	American Book Co.
Holmes: The Chambered Nautilus.	Houghton, Mifflin & Co.
Irving: Sketch Book.	Ginn & Co.
Lewis: A First Book in Writing English.	Macmillan Co.

- Lockwood & Emerson: Composition and Rhetoric.
Ginn & Co.
- Longfellow: Evangeline. (Modern Classics Series).
Houghton, Mifflin & Co.
- Longfellow: Tales of a Wayside Inn. Houghton, Mifflin & Co.
- Lowell: My Garden Acquaintance. Houghton, Mifflin & Co.
- Lowell: The Vision of Sir Launfal. Houghton, Mifflin & Co.
- Macaulay: Essay on Lord Clive. American Book Co.
- Macaulay: Second Essay on the Earl of Chatham.
American Book Co.
- Macaulay: Essays on Milton & Addison. Ginn & Co.
- Macaulay: Lays of Ancient Rome. Houghton, Mifflin & Co.
- Milton: L'Allegro, Il Penseroso, Comus and Lycidas.
Houghton, Mifflin & Co.
- Milton: Paradise Lost, Book I. Sprague Ed. Ginn & Co.
- Palgrave: Golden Treasury. Macmillan Co.
- Palmer: Translation of Homer's Odyssey. Houghton, Mifflin & Co.
- Pancoast: Introduction to American Literature.
Henry Holt & Co.
- Pope: Iliad, Books I, VI, XXII, XXIV. Houghton, Mifflin & Co.
- Scott: Ivanhoe. Houghton, Mifflin & Co.
- Scott: Kenilworth. American Book Co.
- Scott: Lady of the Lake. Houghton, Mifflin & Co.
- Scott: Quentin Durward. Ginn & Co.
- Scott: Rob Roy. Ginn & Co.
- Scott: Lay of the Last Minstrel. Houghton, Mifflin & Co.
- Shakespeare: A Mid-summer Night's Dream.
American Book Co.
- Shakespeare: As You Like It, and Julius Cæsar, Vol. I.
(Hudson edition). Ginn & Co.
- Shakespeare: Hamlet. (Hudson notes). Ginn & Co.
- Shakespeare: Macbeth, (Eclectic English Classics.)
American Book Co.
- Shakespeare: Merchant of Venice. (Hudson edition).
Ginn & Co.
- Shakespeare: Richard III. American Book Co.
- Southey: Life of Nelson. American Book Co.
- Southworth and Goddard: Elements of Composition and
Grammar. Benj. H. Sanborn & Co.
- Spenser: Faerie Queen. (First Canto). Maynard, Merrill & Co.
- Swift: Gulliver's Travels. (Selections). Houghton, Mifflin & Co.
- Tennyson: Elaine. Macmillan Co.
- Tennyson. Guinevere. Macmillan Co.

Tennyson. The Coming and Passing of Arthur.

Tennyson: The Holy Grail.	Macmillan Co.
Tennyson: The Princess. (Annotated).	Macmillan Co.
Thackeray: Vanity Fair.	Houghton, Mifflin & Co.
Underwood: American Authors.	Macmillan Co.
Underwood: British Authors.	Lee & Shepard.
Webster: First Bunker Hill Oration.	Lee & Shepard.
Wordsworth: The Excursion and Ode to Immortality.	Ginn & Co.
	Maynard, Merrill & Co.

GERMAN.

Boisen: German Prose.	D. C. Heath & Co.
Chamisso: Peter Schlemihl. (Vogel).	Henry Holt & Co.
Eichendorff: Aus dem Leben eines Taugenichts.	
	D. C. Heath & Co.
Freytag: Aus dem Staat Friedrichs des Grossen.	
	D. C. Heath & Co.
Goethe: Hermann und Dorothea.	D. C. Heath & Co.
Goethe: Dichtung und Wahrheit, Books I, IV.	
	D. C. Heath & Co.
Grimm: Hausmärchen.	D. C. Heath & Co.
Harris: Selections for German Composition.	
	D. C. Heath & Co.
Harris: German Lessons.	D. C. Heath & Co.
Heine: Die Harzreise.	Ginn & Co.
Heath: German and English Dictionary.	D. C. Heath & Co.
Hewett: A German Reader.	Macmillan Co.
Joynes-Meissner: German Grammar.	D. C. Heath & Co.
Otto: German Conversation Grammar.	Henry Holt & Co.
Lessing: Minna von Barnhelm.	American Book Co.
Riehl: Der Fluch der Schönheit.	American Book Co.
Schiller: Wilhelm Tell, Das Lied von der Glocke.	
	Henry Holt & Co.
Stein: German Composition.	Ginn & Co.
Von Hillern: Höher als die Kirche.	D. C. Heath & Co.
Wenckebach: Deutscher Anschauungs Unterricht.	
	Henry Holt & Co.
Wenckebach: Deutsche Grammatik.	Henry Holt & Co.
Wenckebach: Lyrics and Ballads, Die Schönsten Deutschen Lieder.	Henry Holt & Co.
Worman: First German Book.	American Book Co.

GREEK.

- Autenrieth: Homeric Dictionary. American Book Co.
 Goodwin: Greek Grammar, revised. Ginn & Co.
 Goodwin & White: Xenophon's Anabasis (with vocabulary).
 Revised edition. Ginn & Co.
 Harper: Xenophon's Anabasis (for "Xenophon at Sight")
 American Book Co.
 Jones: Greek Prose Composition. Scott, Foresman & Co.
 Mauatt: Xenophon's Hellenica, Books I-IV.
 Ginn & Co.
 Perrin: Homer's Odyssey (for "Homer at Sight").
 Ginn & Co.
 Seymour: School Iliad, Books I-VI and Vocabulary.
 Ginn & Co.
 White: First Lessons in Greek. Ginn & Co.
 White: First Greek Book. Ginn & Co.
 Whiton: Abridgement of Liddell and Scott's Greek-English
 Lexicon. American Book Co.
 Woodruff: Greek Prose Composition. Sibley & Co.

LATIN.

- Allen and Greenough: New Caesar (with vocabulary).
 Ginn & Co.
 Collar and Daniells: First Latin Book. Ginn & Co.
 Collar: Practical Latin Composition. Ginn & Co.
 Collar: Via Latina. Ginn & Co.
 D'Ooge: Select Orations of Cicero. Benj. H. Sanborn & Co.
 Greenough & Kittredge: Virgil: Eneid, Books I-VI.
 Ginn & Co.
 Harkness: Latin Grammar. American Book Co.
 Harper: Virgil (for "Virgil at Sight"). American Book Co.
 Jones: Latin Prose Composition. Scott, Foresman & Co.
 Kelsey: Selections from Ovid. Allyn & Bacon.
 Lindsay: Cornelius Nepos. American Book Co.
 Moulton & Collar: Preparatory Latin Composition.
 Ginn & Co.

FRENCH.

- About: La Mère de la Marquise. Wm. R. Jenkins.
 Bedollière: La Mère Michel et Son Chat. D. C. Heath & Co.
 Chardenal: Complete French Course. Allyn & Bacon.

Corneille: <i>Le Cid</i> , Horace.	Henry Holt & Co.
Daudet, <i>Le Siège de Berlin</i> .	D. C. Heath & Co.
Dumas: <i>La Tulipe Noire</i> .	American Book Co.
Erckmann & Chatrian: <i>Le Conscrit de 1813</i> .	Henry Holt & Co.
Grandgent: <i>Selections for French Composition</i> .	D. C. Heath & Co.
Grandgent: <i>Short French Grammar</i> .	D. C. Heath & Co.
Greville: <i>Dosia</i> .	Cupples & Schoenhof.
Halevy: <i>Un Mariage d'Amour</i> .	Cupples & Schoenhof.
Hennequin: <i>Idiomatic French</i> .	American Book Co.
Keetel: <i>French Reader</i> .	Maynard, Merrill & Co.
Labiche: <i>Le Voyage de M. Perrichon</i> .	Cupples & Schoenhof.
La Fontaine: <i>Fables</i> , Books I and II.	Longmans, Green & Co.
Lamartine: <i>Graziella</i> .	D. C. Heath & Co.
Lamartine: <i>Jeanne d'Arc</i> .	D. C. Heath & Co.
Mérimée: <i>Colomba</i> .	Henry Holt & Co.
Molière: <i>L'Avare</i> .	Ginn & Co.
Molière: <i>Le Bourgeois Gentilhomme</i> .	Henry Holt & Co.
Racine: <i>Andromaque</i> , <i>Iphigénie</i> .	Cupples & Schoenhof.
Roulier: <i>First Book in French Composition</i> .	Ginn & Co.
Sand: <i>La Famille de Germandre</i> .	D. C. Heath & Co.
Sand: <i>Le Mare au Diable</i> .	D. C. Heath & Co.
Sandeau: <i>Mademoiselle de la Seiglière</i> .	D. C. Heath & Co.
Scribe et Legouve: <i>Bataille de Dames</i> .	D. C. Heath & Co.
Spiers and Surenné: <i>French and English Dictionary</i> . 12 mo. vol.	D. Appleton & Co.
Super: <i>Preparatory French Reader</i> .	D. C. Heath & Co.
Van Daell: <i>French Grammar</i> .	D. C. Heath & Co.
Vigny: <i>Cinq Mars</i> .	D. C. Heath & Co.

SUPPLEMENTARY BOOKS USED IN THE HIGH SCHOOL.

American Poems.	Houghton, Mifflin & Co.
Anthon: <i>Classical Dictionary</i> .	American Book Co.
Appletons: <i>School Physics</i> .	Houghton, Mifflin & Co.
Arnold: <i>Sohrab and Rustum</i> .	Little, Brown & Co.
Bartlett: <i>Familiar Quotations</i> .	Berlitz & Co.
Berlitz Methode fur den Deutschen Unterricht, Zweiter Theil.	

Brewer: Reader's Handbook.	J. B. Lippincott Co.
Browning: Selected Poems.	Houghton, Mifflin & Co.
Bryant: Library of Poetry and Song.	American Book Co.
Carhart and Chute: Physics.	Allyn & Bacon.
Chambers: Encyclopedia.	J. B. Lippincott Co.
Chauvenet: Geometry.	J. B. Lippincott Co.
Collier: History of English Literature.	Thos. Nelson & Sons
Craik: English of Shakespeare, Julius Cæsar.	
	Ginn & Co.
Davis: Physical Geography.	Ginn & Co.
Dickens: David Copperfield.	American News Co.
Emerson: Addresses and Lectures.	
Emerson: American Scholar.	Maynard, Merrill & Co.
Emerson: Essays.	
Fiske: Civil Government.	Houghton, Mifflin & Co.
Spiers & Surenne: French Dictionary.	D. Appleton & Co.
Gardner: Students History U. S.	
Gayley: Classic Myths in English Literature.	
	Ginn & Co.
Goldsmith: Plays.	Macmillan Co.
Goldsmith: Poems.	Macmillan Co.
Grandgent: Materials based on La Dernière Classe.	
	D. C. Heath & Co.
Grandgent: Materials of French Composition based on Le Siège de Berlin.	D. C. Heath & Co.
Greene: Short History of England.	American Book Co.
Hawthorne: Little Daffydowndilly.	Houghton, Mifflin & Co.
High School Music Reader.	Ginn & Co.
Hudson: Shakespeare, Vol. II.	Ginn & Co.
Irving: Tales of a Traveller.	American Book Co.
Kimball: Materials based on Colomba.	D. C. Heath & Co.
Larned: History for Ready Reference.	Houghton, Mifflin & Co.
Latin and English Lexicon: White	Ginn & Co.
La Tour de la France.	D. C. Heath & Co.
Lippincott: Gazatteer.	
Lodge: Mechanics.	
Longfellow: Courtship of Miles Standish.	Houghton, Mifflin & Co.
Lord: Beacon Lights to History.	Ford, Howard & Hulbert
Lowell: Poems.	Houghton, Mifflin & Co.
Luquien: French Prose.	
Macaulay: Essays on Johnson.	
Macaulay: Essays on Goldsmith, Bunyan and Madame D'Aublay.	
	American Book Co.

Macauley: Life and Writings of Addison.	American Book Co.
Macauley: Milton and Byron.	American Book Co.
McCurdy: Exercises in Algebra.	D. C. Heath & Co.
Manual of Mythology.	Chas. Scribner's Sons.
Martin: English Language.	
Myers: Mediæval and Modern History.	Ginn & Co.
Milton: Comus.	Ginn & Co.
Mitchell: Old Story Tellers.	
Patriotic Selections.	Maynard, Merrill & Co.
Perry: Bible Manual.	
Phillip: Selections from Xenophon, Part I.	
Pyloadet: La Littérature Française Contemporaine.	Henry Holt & Co., N. Y.
Pyloadet: La Littérature Française Classique.	Henry Holt & Co., N. Y.
Richardson: Laboratory Manual of Chemistry.	
Scott: Poems.	Houghton, Mifflin & Co.
Scott: Woodstock.	American Book Co.
Scott: The Abbott.	American Book Co.
Scott: The Talisman.	American Book Co.
Shaler: First Book in Geology.	D. C. Heath & Co.
Shelley: The Skylark and Adonais.	Maynard, Merrill & Co.
Smith: Principia Latina.	American Book Co.
Smith: Smaller History of Greece.	American Book Co.
Sprague: Masterpieces in English Literature.	Lothrop Pub Co.
Strang: Exercises in English.	D. C. Heath & Co.
Tennyson: Poems, Complete.	Houghton, Mifflin & Co.
Thackeray: Essays on Prior, Gay, Pope, Hogarth, Smollett, Fielding, Sterne and Goldsmith.	
Thackeray: Essays on Swift, Congreve and Steele.	
Thackeray: The Four Georges.	
Thomas: Dictionary of Biology and Mythology.	
The Euterpean.	
Webb: Model Etymology.	Eldredge & Bro., Phil.
Webster: Unabridged Dictionary.	
Wells: Plane and Solid Geometry.	D. C. Heath & Co.
Wentworth and Hill: Algebra.	Ginn & Co.
Wheeler: Logarithms.	C. W. Sever & Co., Cambridge, Mass.
Wheeler: Trigonometry.	Ginn & Co.
White: Arithmetic.	American Book Co.

Whittier: Poems.	Houghton, Mifflin & Co.
Worcester: Small Dictionary.	Lippincott & Co., Phil.
Wordsworth: Selected Poems.	American Book Co.
Worman: German Echo.	American Book Co.

TEXT-BOOKS USED IN THE GRAMMAR SCHOOLS.

Aldrich & Forbes: Progressive Course in Reading, Fourth Book, Part I.	American Book Co.
Aldrich & Forbes: Progressive Course in Reading, Fourth Book, Part II.	American Book Co.
Aldrich & Forbes: Progressive Course in Reading, Fifth Book, Part I.	American Book Co.
Aldrich & Forbes: Progressive Course in Reading, Fifth Book, Part II.	American Book Co.
Blaisdell: How to Keep Well.	Ginn & Co.
Collar & Daniell: First Year Latin, edition 1903.	Ginn & Co.
François: Beginners' French.	American Book Co.
Gifford: Elementary Physics.	Thompson, Brown & Co.
Grandgent: French Lessons and Exercises, Part I.	D. C. Heath & Co.
Harrington: Speller, Parts I and II.	American Book Co.
Harkness: Latin Grammar.	American Book Co.
Heath: Natural System of Vertical Writing.	D. C. Heath & Co.
Hotchkiss: Le Premier Livre de Français.	D. C. Heath & Co.
Hyde: Two-Book Course in English, Book I.	D. C. Heath & Co.
Hyde: Two-Book Course in English, Book II.	D. C. Heath & Co.
Joynes: Contes de Fées. Classic Fairy Tales for Beginners in French. Edited with notes and vocabulary.	D. C. Heath & Co.
Judson: The Young American.	Maynard, Merrill & Co.
Judson & Bender: Graded Literature Reader, Fourth Book.	Maynard, Merrill & Co.
Judson & Bender: Graded Literature Reader, Fifth Book.	Maynard, Merrill & Co.

Longmans: Geography.	Longmans, Green & Co., N.Y.
Longmans: Atlas.	Longmans, Green & Co., N.Y.
Mason: National New Second Music Reader.	Ginn & Co.
Mason: National New Third Music Reader.	Ginn & Co.
Mason: National New Fourth Music Reader.	Ginn & Co.
May: Anatomy, Physiology and Hygiene.	Wm. Wood & Co.
Metcalf: English Grammar.	American Book Co.
Merrill: Vertical Writing Books.	Maynard, Merrill & Co.
Montgomery: The Leading Facts of American History.	Ginn & Co.
Nichols: Mathematical Problems.	Thompson, Brown Co.
Nichols: The Progressive Arithmetic, Part II.	Thompson, Brown & Co.
Nichols: The Progressive Arithmetic, Part III.	Thompson, Brown & Co.
O'Neill: Punctuation Practically Illustrated.	Parker P. Simmons, N.Y.
Prang: Drawing Books, 6th year.	Prang Educational Co.
Prang: Drawing Books, 7th year.	" "
Prang: Drawing Books, 8th year.	" "
Prang: Drawing Manual, 5th year.	" "
Prang: Drawing Manual, 6th year.	" "
Prang: Drawing Manual, 7th year.	" "
Prang: Drawing Manual, 8th year.	" "
Prince: Arithmetic, Part IV.	Ginn & Co.
Prince: Arithmetic, Part V.	Ginn & Co.
Prince: Arithmetic, Part VI.	Ginn & Co.
Redway: Natural Advanced Geography.	American Book Co.
Redway: Natural Elementary Geography.	American Book Co.
Seaver & Walton: Mental Arithmetic.	Butler, Sheldon & Co.
Southworth & Stone: Arithmetic, Part II.	Benj. H. Sanborn & Co.
Southworth & Stone: Arithmetic, Part III.	Benj. H. Sanborn & Co.
Text-Book of Art Education, Book IV, 4th year.	Prang Educational Co.
Text-Book of Art Education, Book V, 5th year.	Prang Educational Co.
Webster: High School Dictionary.	American Book Co.
Webster: Academic Dictionary.	American Book Co.

SETS OF SUPPLEMENTARY BOOKS USED IN GRAMMAR SCHOOLS.

GRADE V.

Baldwin: Old Greek Stories.	American Book Co.
Eggleston: Stories of American Life and Adventure.	American Book Co.
Hall: Our World Reader, No. 1.	Ginn & Co.
Longfellow Leaflets, double number, linen.	Houghton, Mifflin & Co.
Norton: Heart of Oak Series, No. 3.	D. C. Heath & Co.
Wright: Seaside and Wayside, No. 2.	D. C. Heath & Co.

SPECIAL STUDY IN LITERATURE.

Longfellow: Hiawatha.	Houghton, Mifflin & Co.
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GRADE VI.

Baldwin: Old Stories of the East.	American Book Co.
Dana: Plants and Their Children.	American Book Co.
Eggleston: Elementary History of U. S.	American Book Co.
Francillon: Gods and Heroes.	Ginn & Co.
Norton: Heart of Oak Series, No. 4.	D. C. Heath & Co.
Ruskin: King of the Golden River.	Ginn & Co.
Wright: Seaside and Wayside, No. 3.	D. C. Heath & Co.

SPECIAL STUDY IN LITERATURE.

Longfellow: Courtship of Miles Standish.	Houghton, Mifflin & Co.
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GRADE VII.

By Land and Sea.	Perry, Mason & Co.
Carpenter: North America.	American Book Co.
Carpenter: South America.	American Book Co.
Carpenter: Europe.	American Book Co.
Carpenter: Asia.	American Book Co.
Carpenter: Australia, Our Colonies, and other Islands of the Sea.	American Book Co.
Dana: Plants and Their Children.	American Book Co.

Guerber: The Story of Greece.	American Book Co.
Hawthorne: Grandfather's Chair.	Houghton, Mifflin & Co.
Higginson: Young Folks' History U. S.	Longmans, Green & Co.
Kingsley: Water Babies.	Ginn & Co.

SPECIAL STUDY IN LITERATURE.

Carpenter: North America.	American Book Co.
Carpenter: South America.	American Book Co.
Carpenter: Europe.	American Book Co.
Carpenter: Asia.	American Book Co.
Carpenter: Australia, Our Colonies, and other Islands of the Sea.	American Book Co.
Longfellow: Evangeline.	Houghton, Mifflin & Co.

GRADE VIII.

Guerber: The Story of the Romans.	American Book Co.
Hawthorne: Tanglewood Tales.	Houghton, Mifflin & Co.
Irving: The Sketch Book.	Houghton, Mifflin & Co.
Smith: Life in Asia.	Silver, Burdett & Co.

SPECIAL STUDY IN LITERATURE.

Whittier: Snow Bound.	Houghton, Mifflin & Co.
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GRADE IX.

Ballou: Footprints of Travel.	Ginn & Co.
Eliot: Selections from American Authors.	American Book Co.
Lamb: Tales from Shakespeare.	Ginn & Co.
Lodge: Ballads and Lyrics.	Houghton, Mifflin & Co.
Thayer: Ethics of Success, Part II.	Silver, Burdett & Co.

SPECIAL STUDY IN LITERATURE.

Lowell: The Vision of Sir Launfal.	Houghton, Mifflin & Co.
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HISTORY.

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| Gordy: History of the United States. | Charles Scribners' Sons. |
| Hart: Source Book of American History. | Macmillan Co. |
| Hinsdale: How to Study and Teach History. | |
| | D. Appleton & Co. |
| Johnston: History of the United States. | Henry Holt & Co. |
| Mace: Grammar School History of the United States. | |
| | Rand, McNally & Co. |
| McMaster: School History of the United States. | |
| | American Book Co. |
| Sheldon: History of the United States. | D. C. Heath & Co. |

APPROVED LIST OF DESK AND REFERENCE
BOOKS NAMED IN COURSE OF STUDY
FOR GRAMMAR SCHOOLS.

GRADE V.

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| Carroll: Alice in Wonderland. | Educational Pub. Co. |
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GRADE VI.

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| De La Ramee: Bimbi Stories. | Ginn & Co. |
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GRADE IX.

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| Holmes: Complete Poems, Household edition. | |
| | Houghton, Mifflin & Co. |
| Longfellow: Complete Poems, Household edition. | |
| | Houghton, Mifflin & Co. |
| Macaulay: Lays of Ancient Rome. | Houghton Mifflin & Co. |
| Ragozin: Earliest Peoples. | William B. Harison, N.Y. |
| Scott: The Lady of the Lake. | Houghton, Mifflin & Co. |
| Tennyson: Complete Poems, Household edition. | |
| | Houghton, Mifflin & Co. |

DESK BOOKS FOR GRAMMAR GRADE TEACHERS.

ARITHMETIC.

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| Beman & Smith: The Higher Arithmetic. | Ginn & Co. |
| Joy: Arithmetic Without a Pencil. | D. C. Heath & Co. |
| Milne: Standard Arithmetic. | American Book Co. |
| Packard: New Commercial Arithmetic. | S. S. Packard Co. |
| Southworth: Essentials of Arithmetic. | Benj. H. Sanborn & Co. |
| Book I for Grades V and VI. | |
| Book II for Grades VII and IX. | |
| Southworth: Problems in Arithmetic. | Benj. H. Sanborn & Co. |
| Walsh: Arithmetic—Primary. Grammar. | D. C. Heath & Co. |
| Wentworth & Hill: Exercises in Arithmetic. | |
| | Ginn & Co. |
| Teller & Brown: First Book in Business Methods. | |
| | Rand, McNally & Co. |

GRAMMAR AND LANGUAGE.

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| Grades 7, 8, 9, Lewis: Applied English Grammar. | |
| | Macmillan Co. |
| Longman: English Grammar. | Longmans, Green & Co. |
| Grades 7, 8, 9, Milne: An English Grammar. | |
| | Silver, Burdett & Co. |
| Grades 7, 8, 9, Mirick: Lessons in Elementary Grammar. | |
| | Macmillan Co. |
| Grades 7, 8, 9, Southward & Goddard: Elements of
Composition and Grammar. | Benj. H. Sanborn & Co. |
| Grades 7, 8, 9, West: Elements of Grammar. | |
| | Macmillan Co. |
| Grades 7, 8, 9, Woodley: Foundations of Grammar. | |
| | Macmillan Co. |

LANGUAGE.

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|---|-------------------|
| Grades 5-9, Kittredge & Arnold: Mother Tongue, Book I, Book II. | |
| | Ginn & Co. |
| Grades 5-8, Metcalf: Language Exercises. | American Book Co. |

Grades 5-6, Metcalf & Bright: Language Lessons.

Part I, Part II.

American Book Co.

Grades 5-9, Smith: Spelling and Construction.

A. Flanagan Co.

Grades 5-8, Tarbell: Language Lessons, Nos. 1 and 2.

Ginn & Co.

Grades 5-9, Woodley: Foundation Lessons in English.*

Book I, Book II.

Macmillan Co.

COMPOSITION.

Grades 5, 6, Bartlett: First Steps in English.

Silver, Burdett & Co.

Grades 7, 8, 9, Bartlett: Essentials of Language and Grammar.

Silver, Burdett & Co.

Grades 8, 9, Buehler: Practical Examples in English.

American Book Co.

Grades 5-9, Clapp & Huston: Conduct of Composition Work.

D. C. Heath & Co.

Grades 8, 9, Hill: Foundations of Rhetoric. American Book Co.

LATIN.

D'ooge: Coloquial Latina.

D. C. Heath & Co.

Peck & Arrowsmith: Roman Life in Latin Prose and Verse.

American Book Co.

Scudder: Gradatim, Stories for Beginners.

Allyn & Bacon.

Grades 8, 9, Keeler & Davis: Studies in English Composition.

Allyn & Bacon.

Grades 8, 9, Lewis: First Manual in Composition.

Macmillan Co.

Grades 5, 6, 7, Maxwell & Johnston: School Composition.

American Book Co.

Grades 8, 9, Maxwell & Smith: Writing in English.

American Book Co.

Grades 8, 9, Newcomer: English Composition.

Ginn & Co.

Grades 5-9, Peterson: First Steps in English Composition.

A. Flanagan Co.

Grades 5-9, Spalding: Problems of Elementary Composition.

D. C. Heath & Co.

HISTORY AND CIVICS.

- Grades, 5, 6, 7, 8, Brooks: Stories of the Old Bay State.
 American Book Co.
 Grade 7, Burton: Story of the Indians of New England.
 Silver, Burdett & Co.
 Grades 7, 8, Guerber: Story of the Thirteen Colonies.
 American Book Co.
 Grade 7, Hart: Colonial Children. Macmillan Co.
 Grade 8, Hart: Camps and Firesides of the Revolution.
 Macmillan Co.
 Grades 8, 9, Hart: How Our Grandfathers Lived.
 Macmillan Co.
 Grade 7, Hazard & Dutton: Indians and Pioneers.
 Silver, Burdett & Co.
 Grades 6, 7, 8, Mowry: First Steps in the History of Our Country.
 Silver, Burdett & Co.
 Grades 7, 8, 9, Mowry: A History of the U. S.
 Silver, Burdett & Co.
 Grades 7, 8, Tappan: Our Country's Story. Houghton, Mifflin & Co.
 Grades 8, 9, Thomas: A History of the U. S.
 D. C. Heath & Co.

HISTORY.

- Grade 8, Baldwin: The Conquest of the Old Northwest.
 American Book Co.
 Grade 8, Baldwin: The Discovery of the Old Northwest.
 American Book Co.
 Grades 7, 8, 9, Blaisdell: The Story of American History.
 Ginn & Co.
 Grades 5, 6, Chase: Boyhood of Famous Americans.
 Educational Pub. Co.
 Grades 5, 9, Brooks: Historic Americans. T. Y. Crowell & Co.
 Grade 7, Dickson: From the Old World to the New.
 Macmillan Co.
 Grade 9, Dodge: A Bird's-Eye View of the Civil War.
 Houghton, Mifflin & Co.
 Grades 8, 9, Early American Orations. Macmillan Co.
 Grades 7, 8, 9, Ellis: Lives of the Presidents.
 A. Flanagan Co.
 Grade 8, Fiske: Washington and His Country.
 Ginn & Co.

- Grades 7, 8, 9, Gordy & Twitchell: The Pathfinder in
 American History. Lee & Shepard.
 Grades 8, 9, Guerber: Story of the Great Republic.
 American Book Co.
 Grades 7, 8, 9, Higginson & Channing: English History
 for Americans. Longmans, Green & Co.
 Grades 5, 6, 7, Montgomery: The Beginner's American
 History. Ginn & Co.
 Grades 5-9, Riverside Biographical Series. Houghton, Mifflin & Co.
 Grades 8, 9, Scudder: A History of the U. S.
 American Book Co.
 Grades 8, 9, Tappan: England's Story. Houghton, Mifflin & Co.

CIVICS.

- Grade 9, Clark: The Government. American Book Co.
 Grades 5, 6, Dole: The Young Citizen. D. C. Heath & Co.
 Grades 8, 9, Johnston: American Politics. Macmillan Co.
 Grade 9, Macy: Our Government. Ginn & Co.
 Grades 7, 8, 9, Maverick & Smith: The True Citizen.
 American Book Co.

GEOGRAPHY.

- Grades 5, 6, 7, 8, 9, Davis: Physical Geography.
 Ginn & Co.
 Grades 5, 6, 7, 8, 9, Dodge: Reader in Physical Geography.
 Longmans, Green & Co.
 Grades 5, 6, 7, 8, 9, Tarr & McMurry: Geography.
 Two-Book Series. Book I, Book II. Macmillan Co.

- NATURE STUDY. $\left\{ \begin{array}{l} a \text{ Ornithology and Zoology.} \\ b \text{ Botany.} \\ c \text{ Geology.} \end{array} \right.$

ORNITHOLOGY AND ZOOLOGY.

Grade 9, Agassiz: A First Lesson in Natural History.

Arnold: Sea Beach at Ebbside.	D. C. Heath & Co.
Grades 5, 8, 9, Chapman: Bird Life.	Century Pub. Co.
Grade 5, Comstock: Insect Life.	D. Appleton & Co.
Grade 5, Emerton: Spiders, Their Structure and Habits.	D. Appleton & Co.
	E. S. Cassino & Co.

Grade 9, Hyatt: Commercial and other Sponges.

Grade 5, Hyatt: Insecta.	D. C. Heath & Co.
Miller: First Book of Birds.	D. C. Heath & Co.
Grade 5, Moreley: Bee People.	Houghton, Mifflin & Co.
	A. C. McClurg & Co.

BOTANY.

Grades 6, 7, 9, Apgar: Trees of Northern U. S.

Atkinson: First Studies in Plant Life.	American Book Co.
Grades 7, 9, Bailey: Lessons with Plants.	Ginn & Co.
Grades 6, 7, 9, Beal: Seed Dispersal.	Macmillan Co.
Dame & Brooks: Trees of New England.	Ginn & Co.
Grades 5, 7, 9, Dana: How to Know the Wild Flowers.	Ginn & Co.

	Chas. Scribner's Sons.
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Grade 6, Flagg: A Year Among the Trees. Educational Pub. Co.

Grade 5, Gibson: Blossom Host and Insect Guest.

	Newson & Co.
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Grades 5, 6, 7, 8, 9, Hodge: Nature Study and Life.

	Ginn & Co.
Grades 6, 7, 9, Keeler: Our Native Trees.	Chas. Scribner's Sons.
Grades 6, 9, Mathews: Familiar Trees and Their Leaves.	

	D. Appleton & Co.
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Grades 6, 7, 9, Moreley: Little Wanderers. Ginn & Co.

Grades 6, 7, 9, Newell: Seed to Leaf. Ginn & Co.

Parsons: How to Know the Wild Flowers. Chas. Scribner's Sons.

Grades 6, 9, Pinchot: A Primer of Forestry, Part I.

	Government Printing Office.
Roth: First Book in Forestry	Ginn & Co.

Grade 5, Weed: Nature Biographies.	Doubleday, Page & Co.
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Grades 6, 7, 9, Weed: Seed Travellers.	Ginn & Co.
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GEOLOGY.

- Grades 5, 6, 7, 8, 9, Clapp: Thirty-six Observation Lessons
 on Common Minerals. D. C. Heath & Co.
 Grades 5, 6, 7, 8, 9, Crosby: Common Minerals and Rocks.
 D. C. Heath & Co.
 Grades 7, 9, Green: Coal and Coal Mines. Houghton, Mifflin & Co.
 Grade 9, Hyatt: About Pebbles. D. C. Heath & Co.
 Grades 5, 6, 7, 8, 9, Macleod: Lessons on Common Minerals.
 Teachers' Pub. Co., N.Y.
 Grades 5, 6, 7, 8, 9, Richards: First Lessons in Minerals.
 D. C. Heath & Co.

ART.

- Grades 5, 8, Dallin: Sketches of Great Painters.
 Silver, Burdett & Co.
 Grades 5, 9, Hurl: Riverside Art Series. Houghton, Mifflin & Co.
 Grades 5, 9, Rydingsald: Art Studies for Schools.
 A. Flanagan Co.
 Grades 5, 9, Wilson: Picture Study, 2 vols. Macmillan Co.

PEDAGOGY AND HISTORY OF EDUCATION.

- Chubb: The Study and Teaching of English.
 Macmillan Co.
 Mace: Methods in History. Ginn & Co.

SETS OF SUPPLEMENTARY BOOKS FOR
 OCCASIONAL READING IN
 GRAMMAR SCHOOLS.

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| Anderson: Historical Reader. | Maynard, Merrill & Co. |
| Choice Readings in Nature's Book. | |
| Collier: British History. | Thos. Nelson & Sons. |
| Dickens: Child's History of England. | American Book Co. |
| Golden Book of Choice Readings. | American Book Co. |

Goodrich: History of U. S.	American Book Co.
Hooker: Child's Book of Nature, Parts I, II, III, IV.	American Book Co.
Johonnot: Geographical Reader.	Houghton, Mifflin & Co.
Longfellow: Hiawatha.	American Book Co.
Metcalf: Language Exercises.	Houghton, Mifflin & Co.
Scott: Lady of the Lake.	American Book Co.
Scott: Quentin Durward.	Houghton, Mifflin & Co.
Scribner: Geographical Reader.	American Book Co.
Steele: Physiology.	Chas. Scribner's Sons.
Swinton: Book of Tales.	American Book Co.
Swinton: American Classics.	
Swinton: English Classics.	
Underwood: American Authors.	Lee & Shepard.
Wyse: Swiss Family Robinson.	University Pub. Co.

SUPPLEMENTARY BOOKS IN SETS OF THREE FOR GENERAL READING IN GRAMMAR SCHOOLS.

Abbott: Blue Jackets of 1776.	
Abbott: Blue Jackets of 1812.	
Abbott: Blue Jackets of 1861.	
Aesop: Fables, Vols I and II.	Henry Holt & Co.
Alcott: Little Men.	Little, Brown & Co.
Arabian Nights.	American Book Co.
Burnett: Little Lord Fauntleroy.	Chas. Scribner's Sons.
Clemens: Prince and Pauper.	Harper & Bros.
Frye: Child and Nature.	Ginn & Co.
Gayley: Classic Myths in English Literature.	
Goldsmith: Vicar of Wakefield.	Ginn & Co.
Hodge: Hans Brinker.	Houghton, Mifflin & Co.
Martineau: The Peasant and the Prince.	Chas. Scribner's Sons.
McDonald: At the Back of the North Wind.	University Pub. Co.
Montgomery: Heroic Ballads.	Geo. Routledge & Sons.
Scudder: Fables and Folk Stories.	Ginn & Co.
Sewell: Black Beauty.	Houghton, Mifflin & Co.
	University Pub. Co.

LIBRARY AND REFERENCE BOOKS USED IN GRAMMAR SCHOOLS.

ARITHMETIC.

McLellan & Dewey: Psychology of Number.

D. Appleton & Co.

Smith: Methods of Teaching Elementary Mathematics.

Macmillan Co.

GRAMMAR AND LANGUAGE.

Callaway: Charm and Courtesy in Letter-Writing.

Dodd, Mead & Co.

Lewis: Introduction to Study of Literature.

Macmillan Co.

Pearson: Principles of Composition.

D. C. Heath & Co.

Westlake: How to Write Letters.

Christopher Sower Co.

HISTORY AND CIVICS.

American Statesmen, 31 Vols., indexed edition.

Houghton, Mifflin & Co.

Blaisdell: Short Stories from English History.

Ginn & Co.

Channing: Student's History of U. S.

Macmillan Co.

Coffin: Historical and Biographical Series.

Harper & Bros.

Cowan & Kendall: A Short History of England.

Macmillan Co.

Cyclopædia of American Biography.

D. Appleton & Co.

Fiske: Series on American History.

Houghton, Mifflin & Co.

Green: A Short History of English People.

Harper & Bros.

Harper: Encyclopædia of History, 10 Vols.

Harper & Bros.

Hart: Epochs of American History.

Longmans, Green & Co.

Myers: General History.

Ginn & Co.

Old South Leaflets.

Old South Pub. Co.

Parkman: Colonial History Series, 12 Vols.

Little, Brown & Co.

Parkman: The Struggle for a Continent.

Little, Brown & Co.

Pitman: Stories of Old France.	American Book Co.
Sheldon: American History with Manual.	D. C. Heath & Co.
Warren: Stories from English History.	D. C. Heath & Co.

CIVICS.

Fiske: Civil Government.	Houghton, Mifflin & Co.
Strong & Schafer: Government of American People.	
	Houghton, Mifflin & Co.

GEOGRAPHY.

Adams: Commercial Geography.	D. Appleton & Co.
Ballou: Footprints of Travel.	Ginn & Co.
Chase & Clow: Stories of Industry, Vols. I-II.	
	Educational Pub. Co.
Great American Industry, Vol. I (Coal Mines).	
	A. Flanagan Co.
Green: Coal and Coal Mines.	Houghton, Mifflin & Co.
International Geography. Mill (Editor.)	D. Appleton & Co.
National Geographic Monographs on the Physiography of the United States.	American Book Co.
Redway: The New Basis of Geography.	Macmillan Co.
Shaler: Story of Our Continent.	D. C. Heath & Co.
The Journal of School, (yearly subscription).	
	Rand, McNally & Co., Chicago.

NATURE STUDY. $\left\{ \begin{array}{l} a \text{ Ornithology and Zoology.} \\ b \text{ Botany.} \\ c \text{ Geology.} \end{array} \right.$

ORNITHOLOGY AND ZOOLOGY.

Chapman: Handbook of Birds of Eastern North America.	
	D. Appleton & Co.
Coues: Key to North American Birds	Estes & Lauriat.
Merriam: Birds of Village and Field	Houghton, Mifflin & Co.
Wright: Citizen Bird.	Macmillan Co.
Wright: Birdcraft.	Macmillan Co.

BOTANY.

Bailey: Botany.	Macmillan Co.
Bergen: Elements of Botany.	Ginn & Co.
Gibson: Sharp Eyes.	Harper & Bros.
Gray: Manual of Botany.	American Book Co
Gray: School and Field Botany.	American Book Co
Jackman: Nature Study.	Henry Holt & Co.
Lange: Handbook of Nature Study.	Macmillan Co.
Newhall: Trees of N. E. America.	G. P. Putnam's Sons.
Newhall: Shrubs of N. E. America.	G. P. Putnam's Sons.
Parsons: How to Know the Ferns.	Chas. Scribner's Sons.

GEOLOGY.

Dana: New Manual of Geology.	American Book Co.
Heilprin: The Earth and Its Story.	Silver, Burdett & Co.
Hinman: Eclectic Physical Geography.	American Book Co.
Shaler: First Book in Geology.	D. C. Heath & Co.

ETHICS.

Comegg: Primer of Ethics.	Ginn & Co.
Everett: Ethics for Young People.	Ginn & Co.

ART.

College Histories of Art.	Longmans, Green & Co.
Crane: Art and Formation of Taste.	Educational Pub. Co.
Doremus: Great Lights in Sculpture and Painting.	D. Appleton & Co.
Hamlin: History of Architecture.	Longmans, Green & Co.
Hartman: History of American Art.	L. C. Page & Co.
Hoyt: World's Painters.	Ginn & Co.
Marquandt: History of Sculpture.	Longmans, Green & Co.
Robinson: Catalogue of Casts. (Boston Museum).	Houghton, Mifflin & Co.
Van Dyke: History of Art.	Longmans, Green & Co.
Van Dyke: How to Judge a Picture.	Methodist Book Concern, N. Y.

MUSIC.

Mason & Butterfield: Teacher's Manual. Ginn & Co.

PEDAGOGY AND HISTORY OF EDUCATION.

Adler: Moral Instruction of Children.	D. Appleton & Co.
Compayre: History of Pedagogy.	D. C. Heath & Co.
Davidson: A History of Education.	Chas. Scribner's Sons.
Halleck: Education of the Central Nervous System.	
	Macmillan Co.
Hanus: Educational Aims and Educational Values.	
	Macmillan Co.
Hinsdale: The Art of Study.	American Book Co.
James: Talks to Teachers and Students of Psychology.	
	Henry Holt & Co.
Rosenkranz: The Philosophy of Education.	
	D. Appleton & Co.
Teachers' Series of Books and Methods.	
Titchener: A Primer of Psychology.	Macmillan Co.
Tompkins: Philosophy of Teaching.	Ginn & Co.

MISCELLANEOUS DESK BOOKS.

Preece: Physical Culture. C. W. Bardeen.

TEXT-BOOKS USED IN THE PRIMARY SCHOOLS.

Aldrich & Forbes: Progressive Course in Reading, First Book.	
	American Book Co.
Aldrich & Forbes: Progressive Course in Reading, Second Book.	
	American Book Co.
Aldrich & Forbes: Progressive Course in Reading, Third Book.	
	American Book Co.
Child's Health Primer.	American Book Co.
Heath: Natural System of Vertical Writing.	
	D. C. Heath & Co.

- Hyde: Two-Book Course in English, Book I.
D. C. Heath & Co.
- Judson & Bender: Graded Literature Readers, First Book.
Maynard, Merrill & Co.
- Judson & Bender: Graded Literature Readers, Second Book.
Maynard, Merrill & Co.
- Judson & Bender: Graded Literature Readers, Third Book.
Maynard, Merrill & Co.
- Mason: National New Second Music Reader.
Ginn & Co.
- New Education Reader, Part I. American Book Co.
- New Education Reader, Part II. American Book Co.
- O'Neill: Punctuation Practically Illustrated.
Parker P. Simmons, N. Y.
- Prang: Drawing Manual, First Year.
- Prang: Drawing Manual, Second Year.
- Prang: Drawing Manual, Third Year.
- Prang: Drawing Manual, Fourth Year.
- Prince: Arithmetic, Part II. Ginn & Co.
- Prince: Arithmetic Manual. Ginn & Co.
- Text-Book of Art Education, Book I, First Year.
Prang Educational Co.
- Text-Book of Art Education, Book II, Second Year.
Prang Educational Co.
- Text-Book of Art Education, Book III, Third Year.
Prang Educational Co.

SETS SUPPLEMENTARY BOOKS USED IN THE PRIMARY SCHOOLS.

GRADE I.

- Arnold & Gilbert: Stepping Stones to Literature, First Reader.
Silver, Burdett & Co.
- Bass: The Beginner's Reader. D. C. Heath & Co.
- Blaisdell: Child Life, Part I. Macmillan Co.
- Crosby: Our Little Book for Little Folks. American Book Co.
- Cyr: The Children's Primer. Ginn & Co.
- The Werner Primer. American Book Co.

GRADE II.

Arnold & Gilbert: Stepping Stones to Literature, First Reader.	Silver Burdett & Co.
Bass: Plant Life.	D. C. Heath & Co.
Carroll: Round the World, Part I.	Silver, Burdett & Co.
Cyr: The Children's First Reader.	Ginn & Co.
Davis: Animals, Wild and Tame. Nature Stories for Youngest Readers.	Educational Pub. Co.
Ford: Nature's Byways.	Silver, Burdett & Co.
Lane: Stories for Children.	American Book Co.

GRADE III.

Arnold & Gilbert: Stepping Stones to Literature, Second Reader.	Silver, Burdett & Co.
Bass: Animal Life.	D. C. Heath & Co.
Carroll: Around the World, Part I.	Silver, Burdett & Co.
Cyr: The Children's Second Reader.	Ginn & Co.
Eggleston: Stories of Great Americans for Little Americans.	American Book Co.
Scudder: Fables and Folk Stories.	Houghton, Mifflin & Co.
Strong: All the Year Round, Autumn.	Ginn & Co.
Strong: All the Year Round, Winter.	Ginn & Co.
Strong: All the Year Round, Spring.	Ginn & Co.
Wilson: Nature Study in Elementary Schools, Second Reader.	Macmillan Co.

GRADE IV.

Andrew: Seven Little Sisters.	Ginn & Co.
Andrew: Each and All.	Ginn & Co.
Arnold & Gilbert: Stepping Stones to Literature, Third Reader.	Silver Burdett & Co.
Carroll: Around the World, Part II.	Silver, Burdett & Co.
Clyde & Wallace: Through the Year, Book I.	Silver, Burdett & Co.
Clyde & Wallace: Through the Year, Book II.	Silver, Burdett & Co.
Cyr: The Children's Third Reader.	Ginn & Co.
Eggleston: Stories of American Life and Adventure.	American Book Co.
Norton: Heart of Oak Series, No. II.	D. C. Heath & Co.
Scudder: Hans Anderson's Stories.	Houghton, Mifflin & Co.

APPROVED LIST OF REFERENCE AND LIBRARY BOOKS NAMED IN THE COURSE OF STUDY FOR PRIMARY SCHOOLS

GRADE I.

Baldwin: Fairy Stories and Fables.	American Book Co.
Beecher: The Anxious Leaf.	
Bellamy & Goodwin: Open Sesame, Vol. I.	Ginn & Co.
Brooks: Stories of the Red Children.	Educational Pub. Co.
Field: Love Songs of Childhood.	Chas. Scribner's Sons.
Lovejoy: Nature in Verse.	Silver, Burdett & Co.
Poulsson: In the Child's World.	Milton, Bradley Co.
Shute: Land of Song, Vol. I.	Silver, Burdett & Co.
Stevenson: Poems.	Chas. Scribner's Sons.
Wiltse: Folk-lore Stories and Proverbs.	Ginn & Co.

GRADE II.

Baldwin: Fairy Stories and Fables.	American Book Co.
Bellamy & Goodwin: Open Sesame, Vol. I.	Ginn & Co.
Eddy: Friends and Helpers.	Ginn & Co.
Grimm: German Household Tales.	Houghton, Mifflin & Co.
Ingelow: Seven Times One.	
Longfellow: Complete Poems, Household edition.	Houghton, Mifflin & Co.
Lovejoy: Nature in Verse.	Silver, Burdett & Co.
Poulsson: In the Child's World.	Milton, Bradley Co.
Shaw: Big People and Little People of Other Lands.	American Book Co.
Shute: Land of Song, Vol. I.	Silver, Burdett & Co.
Wilson: Nature Study in Elementary Schools, Second Reader.	Macmillan Co.

GRADE III.

Bellamy & Goodwin: Open Sesame, Vol. I.	Ginn & Co.
Dole: The Young Citizen.	D. C. Heath & Co.
Holmes: Complete Poems, Household edition.	Houghton, Mifflin & Co.
Larcom: Sir Robin.	
Longfellow: Complete Poems, Household edition.	Houghton, Mifflin & Co.

Lovejoy: Nature in Verse.	Silver, Burdett & Co.
Muloch: Adventures of Brownie.	A. L. Hurl Co., N. Y.
Pratt: America's Stories for America's Children, Book I.	D. C. Heath & Co.
Payne: Geographical Nature Studies.	American Book Co.
Shute: Land of Song, Vol. I.	Silver, Burdett & Co.
Whittier: Complete Poems, Household edition.	Houghton, Mifflin & Co.
Wilson: Nature Study in Elementary Schools, Second Reader.	Macmillan Co.

GRADE IV.

Bellamy & Goodwin: Open Sesame, Vol. I.	Ginn & Co.
Heman: Landing of the Pilgrims.	
Hunt: Legend of Christopher.	
Kipling: The Jungle Book.	Century Co.
Lowell: Complete Poems, Household edition.	Houghton, Mifflin & Co.
Pratt: Legends of Norseland.	Educational Pub. Co.
Scudder: A Book of Legends.	Houghton, Mifflin & Co.
Tennyson: Complete Poems, Household edition.	Houghton, Mifflin & Co.
Whittier: Complete Poems, Household edition.	Houghton, Mifflin & Co.

**APPROVED LIST OF REFERENCE AND
LIBRARY BOOKS NOT NAMED IN THE COURSE
OF STUDY FOR PRIMARY SCHOOLS.**

Arnold & Kittredge: The Mother Tongue.	Book I, Book II.
Beal: Seed Dispersal.	Ginn & Co.
Bergen: Elements of Botany.	Ginn & Co.
Burton: Stories of the Indians of New England.	Ginn & Co.
Buckley: Life and Her Children.	Silver, Burdett & Co.
Buckley: Winner's in Life's Race.	D. Appleton & Co.
Buckley: Fairy Land of Science.	D. Appleton & Co.
Chapman: Handbook of Birds of Eastern North America.	D. Appleton & Co.

Chatty Readings in Elementary Science, Books I, II.

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| Comstock: Insect Life. | Longmans, Green & Co. |
| Dickson: From the Old World to the New. | D. Appleton & Co. |
| Dana: How to Know the Wild Flowers. | Macmillan Co. |
| Flagg: A Year Among the Trees. | Chas. Scribner's Sons. |
| Frye: Brooks and Brook Basins. | Educational Pub. Co. |
| Gayley: Classic Myths in English Literature. | Ginn & Co. |
| Gilbert & Harris: Graded List of Poems and Stories. | Ginn & Co. |
| Gymnastic Games—Alumni of Boston Normal School of
Gymnastics. | Silver, Burdett & Co.
Geo. H. Ellis, Printer,
Boston. |
| Headland: The Chinese Boy and Girl. | Fleming H. Revell Co. |
| Hervey: Flora of New Bedford. | H. S. Hutchinson & Co. |
| Hodge: Nature Study and Life. | Ginn & Co. |
| Howland: Practical Hints for Teachers. | D. Appleton & Co. |
| Howland: Practical Hints for the Teachers of Public Schools. | D. Appleton & Co. |
| Hyatt: Science Guides, Pebbles. | D. C. Heath & Co. |
| James: Talks to Teachers. | Henry Holt & Co. |
| Joy: Arithmetic Without a Pencil. | D. C. Heath & Co. |
| Judd: Classic Myths. | Rand, McNally & Co. |
| Judd: Wigwam Stories. | Ginn & Co. |
| Keeler: Our Native Trees. | Chas. Scribner's Sons. |
| Kellogg: Teaching Reading in Ten Cities. | Educational Pub. Co. |
| Laing: Reading, a Manual for Teachers. | D. C. Heath & Co. |
| Long: Secrets of the Woods. | Ginn & Co. |
| Long: Ways of Woodfolk. | Ginn & Co. |
| Long: Wilderness Ways. | Ginn & Co. |
| Malleson: Early Training of Children. | D. C. Heath & Co. |
| Mason, McLaughlin, Veazie & Gilchrist: Educational Music
Course. Teachers' Edition for Elementary Grades. | Ginn & Co. |
| McMurry: Elements of General Methods. | Public School Pub. Co.,
Bloomington, Ill. |
| McMurry: Methods of the Recitation. | Public School Pub. Co.,
Bloomington, Ill. |
| Menefee: Child Stories from the Masters. | Rand, McNally & Co. |
| Newell: Outlines of Lessons in Botany, Part I. | Ginn & Co. |
| Newell: Outlines of Lessons in Botany, Part II. | Ginn & Co. |

New Hampshire College Leaflets.	Durham, N. H.
Perdue & Griswold: Language Through Nature, Literature and Art.	Rand, McNally & Co.
Preece: Physical Culture.	C. W. Bardeen.
Shaler: A First Book in Geology.	D. C. Heath & Co.
Smith: Eskimo Stories.	Rand, McNally & Co.
Schwatka: Little Children of the Cold.	Educational Pub. Co.
Starr: American Indians.	D. C. Heath & Co.
Starr: Strange People.	D. C. Heath & Co.
Tarr & McMurry: Home Geography.	Macmillan Co.
Waterman, McClymonds & Hughes: Graded Memory Selections.	Educational Pub. Co.
Weed: Seed Travelers.	Ginn & Co.
Weed: Stories of Insect Life, Part I.	Ginn & Co.
Weed: Stories of Insect Life, Part II.	Ginn & Co.

SUPPLEMENTARY BOOKS IN SETS OF THREE FOR PRIMARY SCHOOLS.

Baldwin: Readers.	Educational Pub. Co.
Brooks: Stories of the Red Children.	Educational Pub. Co.
Chaplin & Humphrey: Little Folks of Other Lands.	Lothrop & Co.
Grimm: German Household Tales, III, IV.	American Book Co.
Holbrook: Hiawatha Primer.	Houghton, Mifflin & Co.
Longfellow: Leaflets, Riverside Press.	Houghton, Mifflin & Co.
(Longfellow, Whittier, Lowell, Holmes).	
Macomber: Stories of Great Inventors.	Educational Pub. Co.
(Fulton, Whitney, Morse, Cooper, Edison).	
Pratt: Legends of Norseland.	Educational Pub. Co.
Pratt: Stories of Colonial Children.	Educational Pub. Co.
Whittier: Child Life, selections from.	Houghton, Mifflin & Co.
Young Folks' Library.	Educational Pub. Co.
Lincoln, No. 31.	
Franklin, No. 29.	

BOOKS USED IN EVENING SCHOOLS.

HIGH.

- Addison: The Sir Roger de Coverly Papers. Benj. H. Sanborn & Co.
 Hill: Foundations of Rhetoric. American Book Co.
 Irving: The Sketch Book. Ginn & Co.
 Lockwood & Emerson: Composition and Rhetoric.
 Ginn & Co.
 Shakespeare: Macbeth, Eclectic English Classics.
 American Book Co.
 Underwood: American Authors. Lee & Shepard.
 Underwood: British Authors. Lee & Shepard.
 Wells: Academic Arithmetic. D. C. Heath & Co.
 Wentworth: School Algebra. Ginn & Co.
 Munson: Art of Phonography. G. P. Putnam Sons.
 Allen: Laboratory Exercises in Elementary Physics.
 Henry Holt & Co.
 Jackson: Elementary Book on Electricity and Magnetism.
 Edition 1902. Macmillan Co.
 Storer & Lindsay: Elementary Manual of Chemistry.
 American Book Co.
 Collar & Daniell: First Latin Book. Ginn & Co.
 Bedollière: La Mère Michel et Son Chat. D. C. Heath & Co.
 Chardenal: Complete French Course. Allyn & Bacon.
 Erkmann-Chatrian: Contes Fantastiques. Henry Holt & Co.
 Halevy: L'Abbé Constantin. D. C. Heath & Co.
 Spiers & Surenné: French Dictionary. D. Appleton & Co.
 Eichendorff: Aus dem Leben eines Taugenichts.
 D. C. Heath & Co.

TEXT-BOOKS USED IN THE ELEMENTARY
EVENING SCHOOLS.

- Cabano: Portuguese Grammar. Cupples & Schoenof.
 Chaga: Historia Alegree de Portugal. Cupples & Schoenof.
 Chancellor: Reading and Language Lessons for Evening Schools.
 American Book Co.

- Harrington & Cunningham: First Book for Non-English
Speaking People. D. C. Heath & Co.**
- Harrington & Moore: Second Book for Non-English
Speaking People. D. C. Heath & Co.**
- Language Lessons to Accompany First Book for Non-English
Speaking People. D. C. Heath & Co.**

FOR TEACHERS' USE.

- O'Neill: Punctuation Practically Illustrated.**
Parker P. Simmons, N. Y.

PEDAGOGICAL LIBRARY.

This library is provided by the School Board for the use of teachers. It is located at the office of the Superintendent of Schools and is accessible when the office is open.

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| 1. The History of Pedagogy. | Compayré. |
| 2. The Elements of Pedagogy. | White. |
| 3. Systems of Education. | Gill. |
| 4. John Amos Comenius. | Laurie. |
| 5. Essays on Educational Reformers. | Quick. |
| 6. Particular Systems of Education, Phil. of Edu., Part III. | Rosenkranz. |
| 7. Higher Schools and Universities in Germany. | Arnold. |
| 8. Some Thoughts Concerning Education. | Locke. |
| 9. Emile (or Concerning Education). | Rosseau. |
| 10. Leonard and Gertrude. | Pestalozzi. |
| 11. Levana, or The Doctrine of Education. | Richter. |
| 12. The Education of Man. | Froebel. |
| 13. Education. | Spencer. |
| 14. Lectures and Annual Reports, Vol. I. | Mann. |
| 15. Lectures and Annual Reports, Vol. II. | Mann. |
| 16. Lectures and Annual Reports, Vol. III. | Mann. |
| 17. Lecture on the Science and Art of Education. | Payne. |
| 18. The Philosophy of Education. | Tate. |
| 19. The Elements of Pedagogy. | White. |
| 20. On Teaching: Its Ends and Means. | Calderwood. |
| 21. The Principles and Practice of Common School Education. | Currie. |
| 22. Lectures on Teaching. | Fitch. |
| 23. Lectures on Teaching. | Fitch. |
| 24. Methods of Historical Study. | Freeman. |
| 25. Methods of Teaching History. | Hall. |

26.	How Shall My Child Be Taught?	L. P. Hopkins.
27.	Theory and Practice of Teaching.	Page.
28.	Talks on Teaching.	Parker.
29.	Art of School Management.	Baldwin.
30.	Art of School Management.	Baldwin.
31.	School management.	Landon.
32.	On Teaching Geography.	Geikie.
33.	Education and Educators.	Kay.
34.	Scholemaster.	Ascham.
35.	Outline Study of Man.	Hopkins.
36.	School Economy.	Wickersham.
37.	School Room Guide.	DeGraff.
38.	Manual of Method and Organization.	Robinson.
39.	Lectures on Geography.	Strachey.
40.	The Action of Examinations.	Latham.
41.	Object Lessons.	Walker.
42.	The True Order of Studies.	Hill.
43.	Theory and Practice of Teaching.	Thring.
44.	School Journal, Vol. I.	Mann.
45.	" " " II.	"
46.	" " " III.	"
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54.	" " " XI.	"
55.	" " " XII.	"
56.	" " " XIII.	"
57.	" " " XIV.	"
58.	Methods and Aids in Geography.	King.
59.	Methods and Aids in Geography.	King.
60.	Contributions to the Science of Education.	Payne.
61.	Power and Authority of School Officers and Teachers.	
62.	Power and Authority of School Officers and Teachers.	
63.	Compayré's Lectures on Pedagogy.	Payne.
64.	Rosmini's Method in Education.	Grey.
65.	Bibliography of Education.	Hall.
66.	Lectures to Kindergartners.	Peabody.
67.	Early Training of Children.	Malleson.
68.	Habit in Education.	Hall.

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| 69. Modern Petrography. | Williams. |
| 70. The Study of Rhetoric. | Genung. |
| 71. English in the Preparatory Schools. | Hoffcut. |
| 72. English in the Schools. | Woodward. |
| 73. How to Teach Reading. | Hall. |
| 74. The Study of Latin. | Morris. |
| 75. Mathematical Teaching. | Safford. |
| 76. How to Study Geography. | Parker. |
| 77. Studies in Pedagogy. | Morgan. |
| 78. Educational Mosaics. | Morgan. |
| 79. Elements of Psychology. | Hewett. |
| 80. Topics in Geography. | Nicols. |
| 81. Compayré's Lectures on Pedagogy. | Payne. |
| 82. Notes of Lessons for Young Teachers. | Taylor. |
| 83. Geography Teaching and Sand Modeling. | Frye. |
| 84. Geography Teaching and Sand Modeling. | Frye. |
| 85. How to Teach Language. | Metcalf. |
| 86. How to Teach Geography. | Carver. |
| 87. Arithmetic in Primary Schools. | Dunton. |
| 88. Cyclopædia of Education. | Kiddles & Schem. |
| 89. Orbis Pictus. | Comenius. |
| 90. Free Schools of the United States. | F. Adams. |
| 91. Prosperity or Pauperism? | Earl of Meath. |
| 92. Outlines of Psychology. | Sully. |
| 93. Primary Education. | Jacobi. |
| 94. Order of Exercises in Elocution. | Parker. |
| 95. Life and Education of Laura D. Bridgman. | Lamson. |
| 96. School Inspection. | Fearon. |
| 97. True Order of Studies. | Hill. |
| 98. Kindergarten Culture. | Hailman. |
| 99. Education and School. | Thring. |
| 100. Reminiscences of Froebel, by Von Bülon. | Translated by
Mrs. Horace Mann |
| 101. Education in Its Relation to Manual Industry. | |
| 102. Schools and Studies. | McArthur. |
| 103. The Quincy Methods. | Hinsdale. |
| 104. The Teacher. | Partridge. |
| 105. Reports on Elementary Schools. | Blakiston. |
| 106. Addresses on Educational Subjects. | Matthew Arnold. |
| 107. Scientific Industries Explained. | Laurie. |
| 108. The Teacher. | Watt. |
| 109. Development of the Intellect. | Abbott. |
| | Preyer. |

110. Memory—What It Is and How to Improve it. Kay.
111. Methods of Teaching Geography. Crocker.
112. Teacher's Manual of Object Lessons. Park.
113. Three Lectures on Education. Dr. Oppler.
114. Chips from a Teacher's Workshop. Klemm.
115. First Three Years of Childhood. Perez.
116. Physical Education. Maclaren.
117. School Management. Kellogg.
118. Day Dreams of a Schoolmaster. Thompson.
119. Autobiography of Froebel.
120. Educational Theories. Browning.
121. A Tractate on Education. Milton.
122. Securing and Retaining Attention. Hughes.
123. Three Essays—Study of English Literature. Blaisdell.
124. Old Greek Education. Mahaffy.
125. Locke's Conduct of the Understanding. Fowler.
126. Gill's School Management. John Gill.
127. Cultivation of the Memory.
128. Cultivation of the Senses.
129. On Discipline.
130. On the Use of Words.
131. On Class Teaching.
132. Handbook of Punctuation. Bigelow.
133. Book of Object Lessons. Lake.
134. Swedish System of Educational Gymnastics. Baron Nils Posse.
135. Compayré's History of Pedagogy. Payne.
136. Pedagogy. Hewitt.
137. Courses and Methods. Prince.
138. Pestalozzi: His Life and Work. De Guimps.
139. Elementary Psychology. Baker.
140. Linders' Empirical Psychology. De Garmo.
141. The Manual Training School. Woodward.
142. Introduction to Shakespeare. Corson.
143. Teacher's Manual of Geography. Redway.
144. Teacher's Manual of Geography. Redway.
145. Insecta. Hyatt.
146. School Hygiene. Newsholme.
147. Astronomical Geography. Jackson.
148. Nineteenth Century Authors. Hodgkins.
149. The Reproduction of Geographical Forms. Redway.

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| 150. Natural History Object Lessons. | Ricks. |
| 151. Essentials of Method. | De Garmo. |
| 152. Industrial Education. | Seidel. |
| 153. A Conference on Manual Training. | |
| 154. A History of Education. | Painter. |
| 155. The Rise and Early Constitution of Universities. | S. S. Laurie, LL. D. |
| 156. The Ventilation and Warming of School Buildings. | G. B. Morrison. |
| 157. The Senses and the Will. | W. Preyer. |
| 158. Education in the United States. | Richard G. Boone. |
| 159. European Schools. | L. R. Klemm, Ph. D. |
| 160. Practical Hints for the Teachers of Public Schools. | George Howland. |
| 161. School Supervision. | J. L. Pickard, LL. D. |
| 162. Higher Education of Women in Europe. | Helen Lange. |
| 163. A Text-Book in Psychology. | Johann Friedrich Herbert. |
| 164. The Mother Play and Nursery Songs. | Froebel. |
| 165. The Paradise of Childhood. | Edw. Niebe. |
| 166. Methods in the Schools of Germany. | John T. Prince. |
| 167. Old Greek Life. | J. P. Mahaffy. |
| 168. Homer. | W. E. Gladstone. |
| 169. Logic. | W. S. Jevons. |
| 170. Classical Geography. | H. F. Tozer. |
| 171. Philology. | John Peile. |
| 172. History of Greece. | C. A. Fyffe. |
| 173. History of Europe. | E. A. Freeman. |
| 174. History of Egypt. | F. C. H. Wendell. |
| 175. History of Rome. | M. Creighton. |
| 176. Astronomy. | J. N. Lockyer. |
| 177. Botany. | J. D. Hooker. |
| 178. Chemistry. | H. E. Roscoe. |
| 179. Geology. | A. Geikie. |
| 180. Physiology—Hygiene. | M. Foster and R. S. Tracy |
| 181. Natural Resources of the United States. | J. Harris Patton. |
| 182. Geography. | George Grove. |
| 183. Physical Geography. | Prof. Geikie. |
| 184. English Literature. | Rev. Stopford Brooke. |
| 185. English Composition. | John Nichol. |
| 186. Political Economy. | W. S. Jevons. |
| 187. Mediæval Civilization. | G. B. Adams. |

188. Roman Antiquities. A. S. Wilkins.
189. The Development of the Roman Constitution. Ambrose Tighe.
190. Greek Literature. R. C. Jebb.
191. Exercises in Wood-Working. Sickels.
192. First Lessons in Wood-Working. Alfred G. Compton.
193. History and Science of Education. Shoup.
194. Graded Didactics, Vol. I. Shoup.
195. Graded Didactics, Vol. II. Shoup.
196. Chapters on Plant Life. Herrick.
197. The Three Pronunciations of Latin. Fisher.
198. Comparative Geography. Ritter.
199. Points of History. Lord.
200. Animal Life in the Sea and on the Land. Sarah Cooper.
201. Geographical Studies. Ritter.
202. Eclectic Physical Geography. Russell Hinman.
203. Development Lessons. De Graff.
204. Arbor Day Manual. Skinner.
205. Sewing, Illustrated. Louise J. Kirkwood.
206. Longman's Object Lessons. David Salmon.
207. French Schools Through American Eyes. James Russell Parsons, Jr.
208. Children's Rights. Kate Douglas Wiggin.
209. The Theory of Educational Sloyd. Solomon.
210. Kindergarten Stories and Morning Talks. Wiltse.
211. Entomology for Beginners. Packard.
212. Nature Study. Jackman.
213. How to Know the Wild Flowers. Dana.
214. Flowers and Their Pedigrees. Grant Allen.
215. Native Trees. L. W. Russell.
216. A Year Among the Trees. Wilson Flagg.
217. Trees in the Northern U. S. Apgar.
218. From Seed to Leaf. Newell.
219. "Manu et Mente" Working Drawings in Sloyd. Gustaf Larsson.
220. Report of the Commission on Manual Training and Industrial Education.
221. Lange's Apperception. De Garmio.
222. Inventional Geometry. Wm. Geo. Spencer.

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| 223. Inventional Geometry. | Wm. Geo. Spencer. |
| 224. Trees of N. E. America. | Chas. S. Newhall. |
| 225. Shrubs of N. E. America. | Chas. S. Newhall. |
| 226. Human Body. | Martin. |
| 227. Commissioners' Report on Manual Training. | |
| 228. Report of the Committee of Ten. | |
| 229. Talks on Pedagogics. | Parker. |
| 230. Talks on Pedagogics. | Parker. |
| 231. Talks on Pedagogics. | Parker. |
| 232. Outlines of Pedagogics. | Rein. |
| 233. Mistakes in Teaching. | Hughes. |
| 234. How to Know the Wild Flowers. | Mrs. Wm. Starr Dana. |
| 235. Eclectic Physical Geography. | Hinman. |
| 236. Elementary Meteorology. | Davis. |
| 237. The Realm of Nature. | Mill. |
| 238. Sea and Land. | Shaler. |
| 239. Methods of Mind Training. | Aiken. |
| 240. First Book in Geology. | Shaler. |
| 241. The Psychology of Number. | McLellan and Dewey. |
| 242. Physiography. | T. H. Huxley. |
| 243. Evolution of the Massachusetts Public School System. | Geo. H. Martin. |
| 244. Education from a National Standpoint. | |
| | Fouillée. |
| 245. Pedagogics of the Kindergarten. | Froebel. |
| 246. Symbolic Education. | Susan E. Blow. |
| 247. Moral Instruction of Children. | Adler. |
| 248. How to Study and Teach History. | Hinsdale. |
| 249. Principles of Education Practically Applied. | Greenwood. |
| 250. Systematic Science Teaching. | Howe. |
| 251. Studies of Childhood. | Sully. |
| 252. Geography, Physical, Historical and Descriptive. | Keith Johnston. |
| 253. Elements of Geology. | Le Conte. |
| 254. Talks on Pedagogics. | Parker. |
| 255. Grasses and Forage Plants. | Flint. |
| 256. How to Study Geography. | Parker. |
| 257. In the Child's World. | Poulsso. |
| 258. Elementary Physical Geography. | R. S. Tarr. |
| 259. The New Psychology. | E. W. Scripture. |
| 260. Psychology. | William James. |
| 261. Handbook of Psychology, "Feeling and Will." | Jas. M. Baldwin. |

262. Handbook of Psychology, "Senses and Intellect." Jas. M. Baldwin.
263. Cuoré, an Italian Schoolboy's Journal. De Amicis.
264. Physical Culture. Louise Preece.
265. Art for the Eye. Ross Turner.
266. Architectural Styles. Rosengarten.
267. How to Enjoy Pictures. M. S. Emery.
268. The World's Painters. Deristhe L. Hoyt.
269. Elementary History of Art. N. D'Anvers.
270. Art and the Formation of Taste. Lucy Crane.
271. How to Judge of a Picture. Van Dyke.
272. The Claims of Decorative Art. Walter Crane.
273. History of Art. Goodyear.
274. A History of Painting. Van Dyke.
275. A History of Sculpture. Marquand and Frothingham.
276. How to Teach Reading in the Public Schools. S. H. Clark.
277. Interior Decoration of Schoolhouses. W. G. Page.
278. The Educational Idea. Munroe.
279. The Connection Between Thought and Memory. Lukens.
280. Psychologic Foundations of Education. Harris.
281. Physical Nature of the Child. Rowe.
282. Method in History. Mace.
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284. The School and Society. John Dewey.
285. The Art of Teaching. D. Salmon.
286. Exercises in Geography. C. H. Leete.
287. Readings in Folk-Lore. Hubert M. Skinner.
288. American Public Schools. Swett.
289. History of Education. Seeley.
290. Raphael. Estelle M. Hurl.
291. Michaelangelo. " "
292. Rembrandt. " "
293. Millet. " "
294. Bent Iron Work. Erskine.
295. Egypt: The Hand of the Temple Builders. Walter S. Perry.
296. Composition. Arthur W. Dow.
297. The Development of the Child. Oppenheim.
298. The Jungle Book. Kipling.
299. The Second Jungle Book. "

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| 300. The Jungle Book. | Kipling. |
| 301. The Second Jungle Book. | " |
| 302. Tennyson's Poems. | |
| 303. Stories and Poems for Children. | Thaxter. |
| 304. German Household Tales. | Grimm. |
| 305. Adventures of a Brownie. | Miss Mulock. |
| 306. Adventures of a Brownie. | Miss Mulock. |
| 307. Friends and Helpers. | Sarah J. Eddy. |
| 308. The New Basis of Geography. | Redway. |
| 309. Plans for Busy Work. | Sarah Louise Arnold. |
| 310. Thinking and Learning to Think. | Schaeffer. |
| 311. Thinking and Learning to Think. | Schaeffer. |
| 312. The Art of Teaching. | Emerson E. White. |
| 313. The Art of Teaching. | Emerson E. White. |
| 314. Architectural Wrought Iron. | Wm. Winthrop Kent. |
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| 316. An Ideal School. | Search. |
| 317. Old Stories of the East. | Baldwin. |
| 318. Old Stories of the East. | Baldwin. |
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| 320. Introduction to Psychology. | Calkins. |
| 321. Educational Aims and Educational Values. | |
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| 322. Art History in Outline. | Nye. |
| 323. School Management. | Landon. |
| 324. Notes of Lessons for Young Teachers. | John Taylor. |
| 325. Teaching as a Business. | Bardeen. |
| 326. Exercises in Mind Training. | Catherine Aiken. |
| 327. Right Living. | Susan H. Wixon. |
| 328. First Lessons in Reading. | Elizabeth H. |
| | Fundenberg. |
| 329. Helps in Teaching Reading. | Martha S. Hussey. |
| 330. Nature's Garden. | Neltje Blanchan. |
| 331. Mother Stories. | Maud Lindsay. |
| 332. Normal Methods of Teaching. | Brooks. |
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 Chancellor.

ANNUAL REPORT

OF THE

SUPERINTENDENT

OF SCHOOLS

FOR THE YEAR

1904.

Report of the Superintendent.

To the School Committee :

LADIES' AND GENTLEMEN:— I submit for your consideration my Seventeenth Annual Report. It is the forty-fourth in the series of annual reports of the Superintendent of Schools of this city.

By vote of your Board, this report, together with that of the Secretary, is to constitute the Annual Report of the School Committee.

In my report last year I gave a brief history of the schools since the year 1888, when I assumed charge of them. There is not much to chronicle in addition for the year just closed beyond the usual events. But there is something. One was the award by the Superior Jury of the Louisiana Purchase Exposition of two gold medals and a diploma for the excellence of our exhibit shown at the Exposition. Others were the assignment of the instruction in French in the eighth grades to the special teacher in that subject, and giving the regular ninth grade teachers the French as an additional study; the adoption of the new series of Prang's Text Books of Art Education for use in the schools; the replacing of the series of arithmetics used in the schools for many years by two series more in accord with modern methods of teaching that subject; the supplying of a number of sets of histories for the High School and upper grammar grades, to be used in collaboration with the regular text books in use and the library books; the making of

other minor adoptions with the object of improving the efficiency of the teaching; and last, the beginning of the erection of a twelve room building for a mixed school in the south part of the city, and a sixteen room grammar school in the north part — both for the purpose of relieving the congestion in the schools of those sections and abandoning the rented buildings where several hundred children are now housed.

The annual report of the Superintendent is an official document that necessarily deals each year in the main with the same general subjects. It is intended to give the School Committee and the citizens a statement of the conditions that prevail in the schools at the time it is written, noting the changes that have been made, if any, for the time which it covers, that in any way affect the policy and development of the schools; and offers a means also for the Superintendent to make such recommendations as he deems best for their future conduct. Besides, each one forms a part of a series which should be of worth in determining the educational value of the courses pursued in the schools for a series of years in regard to administration, government, and instruction.

In presenting this report the same general plan has been followed as in those preceding, and I ask for it careful consideration by the Committee and our citizens, with a view of giving suggestion by which the efficacy of the schools may be constantly increased.

ATTENDANCE.

Constant and prompt attendance of pupils are both necessary to the securing of the best results. Frequent cases of absence, tardiness, and dismissal are harmful in many ways. All these affect not only the pupils who

cause them, but the whole school which they attend. Pupils who are frequently absent or tardy are acquiring habits by this neglect of duty which are likely to operate against them injuriously when they leave school. Employers of labor do not excuse laxity of habits in these matters; professional and business men are apt to lose their clients and customers if they indulge in them. All those who have relations with persons who are not prompt in their engagements are losers in time, if in nothing more. I do not claim that regular attendance should be insisted upon in the schools to the detriment of the pupil's health; but I do believe that very many parents give too little consideration to those matters which tend to create and conserve healthful bodies in their children, and the schools are one only of the sufferers. The school authorities are constantly striving to make the environment of the pupils in the schools hygienic and attractive in every way. They are also striving to inculcate habits that are not only necessary for the school, but for life. Not only is co-operation of parents often wanting, but active opposition is not infrequent. The home has its great responsibility in all matters pertaining to the child. The school should not attempt to assume it, nor can it. Both should work together, and when it is done there is seldom a complaint of results.

The record of attendance for the past year shows a marked improvement over that of 1903. But the year 1903 was exceptionally bad. The average normal absence is about eight per cent. of the membership. In 1903 it was 10 per cent. The past year it was normal again. There was an improvement also in other matters, namely, in tardiness, dismissals and truancy. Why this gain in these matters it is difficult to say. They both covered a period in which there was medical inspection for most of the time, as the statistical year ends in June

of each year. The teachers, I am sure, exercised the same amount of effort each year, and the truant officers the same amount of vigilance. The ratio of attendance to membership is about 92 per cent. year after year in most cities of Massachusetts. In small communities better attendance prevails for reasons that are obvious. The full details of attendance for the past year are to be found in the statistical tables following the Secretary's report.

TRUANTS AND REPORTS OF TRUANT OFFICERS.

The reports of both teachers and truant officers show a less number of absences of pupils without permission of parents and less truants. These items may appear to the casual observer to mean the same thing and, therefore, should agree in number. But this is not the case. To one pupil may be charged several cases of truancy. The officers report as one case the absence from the time the pupil is reported until he returns to school. The teacher records each half day of absence without permission as a case of truancy.

On examination, the reports of the officers will show that dealing with truants is a small part of their work. In fact they are attendance officers, and it is their duty to investigate all cases of unexplained absence for both day and evening schools when called upon to do so by the principals, and to assist in securing good attendance in every way possible. They also take charge of transfer cards of pupils who move from one district in the city to another, or who have recently become residents of the city, and see to it that they are promptly entered in the proper school. They visit mills and mercantile

establishments to ascertain whether the laws relating to the employment of children are observed. They, of course, arrest and prosecute truants and convey them to the County Truant School at Walpole, when convicted.

It is evident that the position of truant officer is no sinecure when he performs the duties of his position in an efficient manner, though many are apt to so regard it. The truant officer ought to be a man of tact and judgment as well as a man of decision and action. He should be familiar with the school laws of the State and the rules of the School Committee, and appreciative of their significance. He should maintain a courteous bearing toward teachers and parents and a kind manner with children, performing the duties of his office with full recognition of the rights of all concerned, giving as little offence as possible when he is compelled to enforce the law or the school regulations.

Truant officers who possess these qualities and are faithful in their service are of great assistance to the teachers and of general benefit to the schools. The principals and teachers should co-operate with them in a helpful way.

The officers, on their side, should strive always to come to a pleasant understanding with teachers when they feel that the latter have asked of them unwarranted duties or made them much useless labor by thoughtless reports on cards. There has been some friction by lack of forbearance on both sides. Though not serious, it has seemed to me unnecessary in nearly every case and should not have occurred.

The present officers have been in service for many years. They know well their duties, and, I believe, are performing them with faithfulness and with a fuller recognition of the requirements of their office as I have outlined them than ever before. Their annual reports are sub-joined.

To the Superintendent of Schools : —

DEAR SIR — I herewith submit my report for the year beginning September, 1903, and ending June, 1904:

Schools visited,	1,932
Absences of pupils reported by teachers,	689
Absences of pupils without permission of parents,	60
Second offences,	15
Third offences,	9
Parents and guardians notified,	705
Pupils returned to schools from street,	10
Arrests,	5
Prosecutions,	5
Placed on probation,	1
Sentenced to Truant School,	4
Visits made to mills,	55
Violations of labor laws,	0
Transfer cards received,	514
Absences of evening school pupils reported,	140
Absences of evening school pupils investigated,	140

Respectfully submitted,

HENRY SMITH,

Truant Officer.

To the Superintendent of Schools : —

DEAR SIR — I herewith submit my report for the year beginning September, 1903, and ending June, 1904 :

Schools visited,	1,994
Absences of pupils reported by teachers,	869
Absences of pupils without permission of parents,	76
Second offences,	9
Third offences,	8
Parents and guardians notified,	899
Pupils returned to school from street,	43
Arrests,	7
Prosecutions,	7
Placed on probation,	1
Sentenced to Truant School,	6
Visits made to mills,	38
Violations of labor laws,	2
Transfer cards received,	473
Absences of evening school pupils reported,	209
Absences of evening school pupils investigated,	209

Respectfully submitted,

WILLIAM A. BAKER,

Truant Officer.

Since the publication of the Rules and Regulations of the School Committee in 1902, which contained as an appendix the school laws of the State, Sections 3, 4, 5, and 10 of Chapter 46 of the Revised Laws, have been amended so as to read as follows:

Section 3. A child between seven and fourteen years of age, who wilfully and habitually absents himself from school contrary to the provisions of section one of chapter forty-four, shall be deemed to be an habitual truant, and, unless placed on probation as provided in section seven of this chapter, may, upon complaint by a truant officer and conviction thereof, if a boy, be committed to a county truant school for not more than two years, and, if a girl, to the state industrial school for girls; but if the girl is under twelve years of age, she shall be committed to the custody of the state board of charity, if they so request, for not more than two years.

Section 4. A child between seven and sixteen years of age, who may be found wandering about in the streets or public places of any city or town, having no lawful occupation, habitually not attending school, and growing up in idleness and ignorance, shall be deemed to be an habitual absentee, and, unless placed on probation as provided in section 7, may, upon complaint by a truant officer or any other person and conviction thereof, if a boy, be committed to a county truant school for not more than two years, or to the Lyman school for boys, and, if a girl, to the state industrial schools for girls; but if the girl be under twelve years of age, she shall be committed to the custody of the state board of charity, if they so request, for not more than two years.

Section 5. A child under fourteen years of age, who persistently violates the reasonable regulations of the school which he attends, or otherwise persistently misbehaves therein, so as to render himself a fit subject for

exclusion therefrom, shall be deemed to be an habitual school offender, and, unless placed on probation as provided in section seven, may, upon complaint by a truant officer and conviction thereof, if a boy, be committed to a county truant school for not more than two years, or to the Lyman school for boys, and, if a girl, to the state industrial school for girls; but if the girl be under twelve years of age, she shall be committed to the custody of the state board of charity, if they so request, for not more than two years.

Section 10. An inmate of a county truant school or of the parental school of the city of Boston, who persistently violates the reasonable regulations thereof, or is guilty of indecent or immoral conduct, or otherwise grossly misbehaves, so as to render himself an unfit subject for retention therein, may, upon complaint by the officer in control of said school and conviction thereof, if under fifteen years of age, be committed to the Lyman school for boys; if over fifteen years of age, to the Massachusetts reformatory. If a girl who is committed to the custody of the state board of charity under section three, four or five of this chapter, proves unmanageable in a private family, she may be committed by the state board of charity to the state industrial school for girls.

AGE AND SCHOOLING CERTIFICATES.

The number of age and schooling certificates issued by the Superintendent's office for the year 1904 was 1,109, divided as follows:

Illiterates,	398
Non-illiterates,	523
Minors between 16 and 21 years of age,	144
Duplicates,	44
Total,	1,109

The above seems a simple story. It does not take long to tell it. But those figures indicate very many hours spent in issuing the certificates, many more in proving the claims of parents and guardians that the applicants were entitled to them under the laws of the State, and the exercise of much patience in dealing with unreasonable persons and with those who understood little or no English.

Very many applicants were born in a foreign country—Russia, Germany, Scandinavian Peninsular, Bohemia, Italy, the Portuguese Colonies, Canada, and others supplying their quota. A proper certificate of baptism or a register of birth is hard to obtain in many cases and in some impossible. The evidence of the school census is of no value whatsoever, and the Superintendent is often called upon to satisfy his judgment by other evidence. The greatest pains are taken to prevent deception, and I do not believe that many, if any, persons now secure certificates from this office by practicing it.

It is true that many children who are small and weak are given certificates to work, and it is a shame that they are employed. The law does not permit the school authorities to withhold a certificate from any child who is fourteen years of age, it makes no difference how weak or how ignorant he may be. Many children, especially those who come here from foreign countries, that neither read nor write, who are puny and poorly nourished, have working certificates issued to them because they are over fourteen years old, and then they must attend night school in addition to their day's work, while other children who are strong and may be graduates of a grammar school cannot work because they are not fourteen. I am not pleading that children shall be permitted to work earlier, but feel that the present law does not seem to be the best that can be devised.

There have been several attempts made to increase the school age, and at the last session of the General Court the following resolve was passed:

“Resolved, That the State Board of Education be authorized to investigate and report upon the feasibility of increasing the age of compulsory school attendance so as to include children of the age of fourteen years.”

What the outcome of this resolve will be remains to be seen. I think it is a very serious question whether the age limit should be raised to fifteen years. As I have intimated, this making the number of years that has passed over a child's head the only test for fitness to go to work is wrong I believe.

The General Court acted also upon another matter last year which bears upon age and schooling certificates.

Section 31 of Chapter 106 of the Revised Laws was stricken out and the following section substituted: An age and schooling certificate shall not be approved unless satisfactory evidence is furnished by the last school census, the certificate of birth or baptism of such minor, or the register of birth of such minor with a city or town clerk, that such minor is of the age stated in the certificate, except that other evidence may be accepted in case the Superintendent or person authorized by the School Committee, as provided in the preceding section, decides that neither the last school census, nor the certificate of birth or baptism, nor the register of birth is available for the purpose.

SCHOOLHOUSES.

Within the last ten years, schoolhouses have been erected in the city with 3,575 sittings, and three portable schoolhouses with 120 sittings. Two of these buildings have large assembly halls, and one contains besides five

primary rooms, a large and well equipped room for sloyd, and also as fine a kitchen for teaching cookery as any school in the state. In addition to these, the Parker Street grammar school has been practically rebuilt and contains 560 sittings and an assembly hall. Some of the other buildings were erected to replace old schoolhouses, but in each case the new schoolhouse was larger than the old. Deducting, however, the capacity of the old structures, at least 3,000 sittings have been added during the time mentioned. The estimated valuation of these buildings with land, as given by the assessors, not including the furnishings, is \$621,717. But this valuation is considerably lower than the cost to the city.

Notwithstanding this large expenditure during the decade and the great addition to the school accommodations, there has not been a period during that whole time when it has not been necessary to hire private buildings for school purposes. There are now eight classes housed in rented quarters with between 250 and 300 pupils in attendance. Besides these there are several other classes that are colonized and others that are overcrowded. To accommodate these suitably and to unite the scattered groups under efficient organization two buildings are in process of erection, and both will probably be completed the coming summer. One is to be a twelve-room building, located on a fine lot on South street, between Fourth street and Acushnet avenue. This will be a mixed school containing both primary and grammar grades. The other is to be a sixteen-room building with hall, and is located on the pumping station lot, corner of County and Coggeshall streets. This will be a grammar school and will be occupied by the pupils in the present John H. Clifford grammar school, and pupils who cannot be accommodated in the Parker Street grammar school, which already has two overflow rooms located in the Horatio A. Kempton schoolhouse on Shawmut avenue. With the completion

of these two schoolhouses, it will be possible to do away with all rented buildings in the two ends of the city, and so house the children that their hygienic environment will be what it should, and their educational opportunities greatly improved. These two buildings, when completed and equipped, will cost with land about \$200,000.

But this problem of school accommodation is no sooner temporarily settled in one section of the city than it confronts the school department in another. The schools in the center of the city are now congested with the exception of two, the Cedar Street school and the Sylvia Ann Howland school, and those are in the highest grades. I am anticipating serious difficulty in providing for the pupils the coming fall in the Middle Street school, the Harrington school, the Cannonville school, and in certain grades of other schools in the center. The school department had hoped that the new high school building would have been well under way by this time, that it might look forward to occupying the present high school building for a grammar school, and the present Middle Street school for a primary school. I do not believe that many are aware of the condition that now exists in the Middle Street grammar school. Part of the hall is used for a class, and has been for some time. The principal's office is used several times a week also for class recitations. It is too small and without means of adequate ventilation for a recitation room, not to mention other reasons why it should not be used for class purposes. The introduction of Latin and French into the grammar grades necessitates more recitation rooms as they are electives. In the other grammar schools some inconvenience is caused by these electives, but in none is the lack of room felt as in the Middle Street school.

Complaint has been made during the year by parents of children who attend the Cannonville school

of the conditions that exist in that school, and their complaint is justified. This is a two storied, two room building, which has four grades of pupils in it. It has no cellar under it, is heated by stoves, and the sanitariums are small wooden buildings located some distance from the schoolhouse and much exposed to the sweep of the wind. Moreover, the school is crowded to its limit already and the district is growing. This schoolhouse should be enlarged at once or a new one erected in that neighborhood. The Harrington school, which is in the next district, can give no relief, as it is already crowded to the eaves. I hope this matter will receive the immediate attention of the Committee.

The Parker Street school lot was graded during the summer, the front of the yard turfed, and some shrubs set out on the bank sloping down to the rear fence. It is now an attractive yard. The grounds of the Clark Street and the William H. Taylor schools, of which so much has been said in former reports, remain as they have been for years, unfinished. In the case of the Clark Street school the grounds are an eyesore and useless for recreation purposes.

The City Council has failed to make any appropriation for the construction of the new high school building. The Committee and our citizens are too well acquainted with the facts in regard to this building to necessitate any explanation from me. I can only reiterate my earnest plea that something may be done this year by which a beginning shall be made upon a new building.

SCHOOL GOVERNMENT.

Methods of enforcing discipline in the school have been discussed wisely during the past year both in educational papers and the leading dailies. Whether corporal punishment shall or shall not be administered by the teacher as a means of control was the leading question. A livelier interest than usual was given to the subject by reason of a petition sent by a number of principals to the School Board of New York, a city that abolished corporal punishment many years ago, asking that it be restored.

I do not intend to discuss this particular phase of the main subject to any great extent. Corporal punishment is permitted in our schools by the Regulations of the School Committee. I believe the rule is a wise one and for the best interests of the schools. Yet I am free to say that its use should be rare, and the teacher who resorts to it should proceed with deliberation and care, and in no case should administer it with any exhibition of heat or anger.

I hold to the belief established in my mind years ago that rarely, if at all, should corporal punishment be administered to pupils in the higher grammar grades, but should be confined to the primary and lower grammar grades. For the same reasons that it is no longer permitted in the high school, it should not be exercised in the higher grammar grades. Corporal punishment to my mind is at best a temporary expedient and its use in the great majority of cases is not productive of a permanent moral reform. The restraint that is put upon would-be offenders by the fact known to them that the teachers can use it if necessary, is of more value than its frequent use.

While the number of cases has decreased year by year in our schools, there are still far too many. The teacher who is forced to resort to corporal punishment

frequently, is either inexperienced, or has a weak personality, or has the disposition of a martinet. Mutual good will and helpful co-operation between teacher and pupils, and absence of show of outward authority, are some of the conditions that must prevail in a school room if good work is to be done, and I have never seen these exist in a room where there were many cases of corporal punishment.

It is no easy task to guide and instruct from forty to fifty children, and it is not strange that successful teachers even find it difficult to manage individual pupils without friction. The best teacher is liable to trouble of this kind. But general disorder, which is prohibitive of effectual work, is the fault of the teacher. Either she has made a mistake in her calling, or is misplaced. It is my experience that few teachers, though graduates of our and other normal schools, who have had no experience but that given in the professional school, can govern even the lower grades grammar children in our city schools. Their eyes are not sufficiently trained to compass a room of forty pupils, and a room full of children beyond the primary age, appears to give them a kind of stage fright which prevents their acting with the judgment that would otherwise be exercised. Children are quick to discern any trace of weakness in those in authority over them and are pitiless in their treatment of it. Disorder arises, and ere the teacher is aware of it she has lost control, which she is often unable to re-establish sufficiently to secure good results, even with all the assistance the principal and superintendent may render her.

Each year we have fifteen or more graduates of our city and normal school and other normal schools, residents of the city who are applicants for places. I have felt it incumbent upon me to try these in the first seven grades, and in the grammar grades the results have often been unsatisfactory, and mainly on account of discipline.

Some have failed flatly, and others have had such ill success that they have been unhappy, the principal dissatisfied, and the influence bad.

THE ELEMENTARY SCHOOLS.

GRAMMAR SCHOOLS.—There are at present sixty-eight classes designated strictly as grammar grades, which under our organization include pupils in the last five classes of the elementary schools. Fifty-seven are housed in five buildings containing pupils of no other grades; seven are overflow rooms of two schools, five of which are from the Robert C. Ingraham school and two from the Parker Street school; two are connected with the Harrington Normal and Training school as practice schools, and two are located in the William H. Taylor school, which is chiefly primary. Of the overflow rooms, two are located in the Horatio A. Kempton school, two in the attic rooms of the Thompson Street school, one in a church, one in a store, and one in a portable schoolhouse. These overflow rooms come under the jurisdiction of the principals of the grammar schools in their respective districts. They are a bad feature for several reasons. With the completion of the two buildings now in process of construction, these annexes will be abolished much to the gratification of all concerned.

The work in the grammar schools was generally satisfactory during the year, and especially in those rooms where there were experienced teachers, though there were a few conspicuous failures even among them. Where inexperienced teachers were employed in these grades there was considerable loss, both on account of poor government as well as inefficient teaching. Only experienced teachers, and young teachers of exceptional ability

and aptitude for governing who are just beginning teaching, ought to be appointed to these schools. It is a great wrong to the pupils to employ any others.

The greatest weakness that exists in our grammar schools today is still the too close adherence to text-books. Good teaching in mathematics as well as in geography, in reading as well as in science takes the child out of the text-book and out of the school room, and makes him see and conceive life as it exists about him until it becomes a part of himself. I find children in our schools who talk glibly of the Atlantic ocean and its relation to their state as laid down in their books, who cannot point to it when they can see it from their very windows; children to whom history is a book and not the life of man; to whom literature is words that they must be able to pronounce and whose meaning they must explain, and not the expression of man's observation, conceptions, and emotions. Teaching can be made such interesting work that the time seems too short both to pupils and teachers; but it cannot be made so by simply following a skeleton course of study and getting into a perfunctory groove so that it would be hard to distinguish one day's work from another.

The introduction of French as an optional study in the eighth and ninth grades, and Latin as an optional study in the ninth, has, after several years' trial, met popular approval, French especially. The Latin is taught by the principals, the French in the eight grades by a special teacher, and in the ninth by the regular ninth grade assistants. Few now choose the study of geography in the ninth grades, and I would recommend that hereafter it be completed in the eighth. I would recommend also that a few of the subjects now required in arithmetic be eliminated and a half year be given to inventional geometry and algebra in its place.

PRIMARY SCHOOLS.—The primary grades, which include the first four years of school, are taught in one hundred and eighteen different classes. Four of these are housed in rented buildings, two in portable schoolhouses, and the remainder in regular schoolhouses. These schools contain more pupils than all the other schools taken together, many of whom, owing to constant foreign immigration, are beyond normal grade age and are unable to speak English when they enter, and in many cases have had no schooling or training. They make the task of the teachers in these grades much harder than it would otherwise be. Their work in some of the schools is made still more difficult by the shifting back and forth of children between the public and the parochial schools. These conditions are relieved somewhat by placing the oldest pupils who do not grade in ungraded rooms. But there has not been a time when it has been possible to organize efficiently enough of these schools to relieve the primary grades as they should be. Those that have been organized have always been placed in rented buildings, isolated, and not under sufficient skilled supervision. I trust that the completion of the new schoolhouses in the mill districts will permit the housing of these schools in them and the opening of others.

The spirit that pervades the primary schools, the methods employed in instruction, and the results obtained are deserving of little less than unqualified praise. The teachers are, with but few exceptions, professionally trained for their duties. Interest in the general welfare of their pupils, and zeal in the administration of their work, characterizes them as a body.

KINDERGARTENS.—There are three kindergartens taught by six trained kindergartners. One is located in the Thomas A. Greene school, near the center of the city, one in the Cedar Street school in the west central section,

and one in the Cedar Grove Street school in the north part of the city. One of the regular teachers has been absent for more than a year for study, and another for the fall term on account of illness, and is still absent. These schools have been somewhat better patronized during the past year than before, but there does not seem to be a strong popular demand for them. There exists quite a difference of opinion among educators still as to the true function of the kindergarten and the methods to be pursued in conducting them. I confess myself a good deal at sea regarding the educational value of the kindergarten as an institution. The spirit of the kindergarten is the right one to be exercised in training young children, and this spirit has pervaded the primary schools to their benefit. But whether the kindergartens shall become a fixed part of our public school system and children received into them at four years of age, given the occupations that are now in vogue is another question. There are many persons, and the number is ever increasing, who believe that it would be much better for the health of children if they did not begin their school life until they are six years old at least; who believe also that they will have made as much progress in their studies at the same age at which they leave school now as if they entered younger. I am inclined to this belief myself. Moreover, kindergartens are relatively much more expensive than the regular schools. When it is difficult to get money to build school-houses fast enough to house the older pupils and maintain the regular schools as they should be, it is questionable whether kindergartens ought to be ingrafted upon the school system though they do all the good that their most zealous advocates claim for them.

UNGRADED SCHOOLS: — Two schools with three classes in the city proper and four suburban schools with eight rooms and nine teachers are now classified as ungraded.

The three classes in the city proper are composed of pupils who do not grade, and are housed in rented quarters. Two of them are in a hall at the south end and one in a room in one of the blocks at the north end. The pupils are all twelve years old and upward, and largely of foreign birth. Most of them leave school to work as soon as they are permitted to do so by law. A few who attend these schools for a time return to the graded schools, having been prepared by individual attention to do so. More of these schools are needed and no teacher should have more than twenty-five to thirty pupils. The school life of these pupils is short at best, and they ought to have teachers thoroughly trained for their work and willing to labor with such children for the great good they can do. It savors somewhat of missionary work, but there should be teachers who are willing to do it for that very reason.

The suburban schools vary in their organization. The Rockdale school has two rooms and teachers, and pupils of all grades. The Plainville school has one room and teacher, and pupils of all grades. The North school at Clifford has two rooms, but one only is used. It has one teacher, and pupils who are of the first six grades, the older pupils of this district being transported to the Acushnet school at the expense of the city. The Acushnet school, so called, situated at Lund's Corner, has four rooms and five teachers. This school has 132 pupils of all grades. These schools are all doing as well as the varying conditions permit. The Acushnet school, which is partially graded, not more than two grades being assigned to a teacher, compares most favorably with any graded school of the city, both in the spirit that pervades it and the results obtained. I hope the time may come when this schoolhouse will be enlarged and all pupils of the North and Plainville districts transported there. Within a short time a new school-

house will be needed on Rockdale avenue in place of the present Cannonville school. When it is built the question of consolidating the present Rockdale and Cannonville schools should be considered and the building planned with that in view.

THE HIGH SCHOOL.

The high school in any community is probably the object of more criticism than all the rest of its schools taken together. Some of these criticisms are deserved without doubt, and are aimed at faults that ought to be remedied; but often they are without justification, the high school being charged with either doing many things which it does not do, or with not accomplishing results which cannot be hoped for until the home and the schools work in greater harmony.

The aim and inner workings of the high school are less understood by the public, I suspect, than those of the elementary schools, and that is one cause of criticism. For many in the community have either not attended it at all, or for only a short time. Unfortunately, circumstances prevent some from continuing their school course in it; others have not the ability to do the intellectual work required in such a school; and many others do not possess the ambition to secure a higher education, or the perseverance to attain it if they realize its value. So the graduates, or those who ought to know the high school, form a comparatively small contingent, especially in most large communities.

Again, pupils who attend a high school have reached the adolescent period when life begins to take on for them a new meaning; they are beginning to think and reason for themselves, and many possessing as yet little judgment

and reflecting little, they are often not amenable to restraint; they stand forth more conspicuously as individuals than ever before and are objects of greater interest to the public and solicitude to their parents; they have entered upon a period of school life when a marked change comes in methods of study, and they are thrown more upon their own resources. These are some other causes that directly or indirectly produce criticisms.

Still again, the high school costs much more in proportion to maintain than the lower schools. Its organization is more complex, and the greater advantages it attempts to give individuals by electives the more complex and costly it becomes. It requires teachers of broad education, of culture, of tact and wisdom, who are trained in the arts of their profession, and such as these command good salaries. So the school attracts the attention of the taxpayers, some of whom, and often the largest, look at its cost without crediting it with the value that it is to the community and the State. For notwithstanding the cost of high schools they are worth all that is expended upon them, and the tremendous increase in their number in the last forty years, and the growing attendance upon them, even in the older communities where they have long existed, attest their value and their appreciation by those who realize the truth expressed by the Moseley Commission as the result of its observation of our educational system. It says: "To this date, belief in education and the results following from it, have been the *effect* rather than the cause of the prosperity of the United States. But ere long, education will take its place as a most potent *cause*, indeed, this trend has already begun." And this *cause*, must depend upon the development of our high schools, our technical schools, and our industrial schools, as well as our colleges and universities.

Our high school has been the source of criticism the past year. It has had criticism in other years, and

probably will have as long as it exists. That which attracted the most attention was publicly made and was the cause of several articles in the newspapers and an investigation and report to the Board by the High School Committee. It is not my purpose to take up the points of the controversy in this report, nor is it fitting that I should do so. But it does not seem to me that I should ignore it. I believe that those who brought up the matters upon which issue was taken did so with no unfriendly spirit, but with a desire for information and a wish to determine, if possible, whether the failure of the school to increase in numbers to any extent during a period of years and its actual decrease since two years ago when it reached its maximum were due to conditions within the school or to requirements for admission or to conditions entirely extraneous to the school. Legitimate questions which show interest in the welfare of the school should be welcomed.

But unfortunately the inquiry took a trend that gave the public, I fear, a feeling that there were radical and far-reaching deficiencies existing in the administration of the school which were impairing its usefulness and keeping many from it who would otherwise seek its benefits. This may be stating the case rather broadly; but that, as I have said, was the impression which got abroad, and more it was felt that those who were most closely connected with its supervision and administration were not willing to recognize and remedy the faults that were said to exist. Now the facts are that those who sought for information and incidentally named certain criticisms that had come to their notice are friends and patrons of the school and desire its welfare and growth as much as anyone; and those who seemed to resent the imputation against the school and appeared to resist investigation had no desire to conceal any defects that

might exist in the school nor would fail to remedy them wherever reform seemed to be necessary.

As I stated at the beginning of this article, the high school is the object of much attention and much criticism in every community for the very prominence it holds in the school system. The high school is the crowning glory of the public schools, and its importance is bound to increase as the years go on. Its graduates are to be the future leaders in the professional, industrial, and commercial spheres of life, and this is not the opinion of a mere pedagogue alone, but of the great minds that dominate the world's activities today. For this reason our high school should be the very best that exists, that the youth of this community who have the intellectual capacity and the determination to attain high positions in life may have an opportunity to do so.

Our high school was never doing better work than it is to-day, and never before had so well equipped a corps of teachers. But it is working under disadvantages that make the work of the teachers more difficult to accomplish results than it should be, and some of the conditions are detrimental to the physical welfare of both teachers and pupils. Moreover, it cannot broaden its curriculum along the very lines of instruction which are considered today of most significance and of greatest educational importance to the progress of our country. I refer to those bearing on the scientific, the commercial, and the technical lines of education. The first two are inadequately provided for in our present school, and for the other there is no provision whatsoever, nor can there be in the present building. Is it possible that this thriving, growing city is to permit every other city in the Commonwealth to outstrip it in the advantages that it gives its youth in higher education for lack of a suitable building in which to do the work required? Is there no way by which an agreement can be reached that will

permit the erection of our contemplated high school building? Valuable years are slipping by, and the time will come, and it is not distant when the effect of the failure to provide a suitable high school building will be felt in every school in the city. Those who oppose the erection of a high school building in the city of such a character as the spirit of the age demands, while professing the strongest loyalty to the elementary schools, scarcely realize, I imagine, that by their opposition they are minimizing the usefulness of these schools in dwarfing the work of the high school.

THE HENRY F. HARRINGTON NORMAL AND TRAINING SCHOOL.

This school was organized in 1889, and the first class was graduated in January, 1890. The length of the course at first was one and a half years, and a class was graduated each six months. For a few years after the school was organized, all the teaching in the six grades connected with it for practice were taught exclusively by the normal students. There were then six classes which have since expanded to nine. In October, 1895, the normal course was lengthened to two years, the entering class limited in number to fifteen, and a class graduated each December. From time to time six regular teachers have been placed in the school, and now only three rooms are conducted exclusively by the normal students. Two of the regular teachers are graduates of the school, one of the Haverhill Training school, and three of the State Normal schools. These teachers were selected for their excellence in teaching, and are paid \$50.00 a year more than teachers in similar grades in the city, provided they have taught at least three years, have proven their

success in this school, and the principal recommends such increase to the Board. The normal students observe and assist in the rooms taught by the regular teachers as a part of their training.

This in brief is the history and present organization of the school. It was founded for the purpose of supplying the elementary schools with trained teachers, who should become acquainted with the organization and methods of governing demanded in our city system, and might also act as supply substitutes in cases of emergency.

The school has graduated 166 teachers. Of this number 115 are serving in the city, among whom are four principals of primary schools, and several have been called to lucrative positions elsewhere. The others have resigned for various reasons, but few because they did not succeed. Though at first their inexperience, as with the graduates fresh from other normal schools, has been the source of some friction and loss, the school has been on the whole of great assistance in supplying regular teachers and temporary substitutes who are better qualified than the average substitutes who are available for such work.

I am sure the history of the school has justified its maintenance so far. But the life and the educational demands of a city of this day are such that greater maturity and wisdom, broader knowledge and longer training are necessary for one who is to undertake teaching than ever before. This conviction has become so strong that the superintendents of the State have petitioned the State Board of Education to make the minimum course in the State Normal schools three years instead of two, six months of which shall be given to practice under close skilled supervision.

The course in this school should be three years long, and the students should be required to devote at least six months of this time in practice alone, in the grades which they are to be called upon to teach, and a year for prac-

tice would be none too long before they are placed upon the approved list of teachers. The present schoolbuilding is not large enough or well adapted to the purposes of a normal school with the length of the course as it is now, and it would be necessary if a year was added to designate some school for the present as a practice school until a proper normal school building is available. The twelve-room building which is now under construction on South street is to be opened as a mixed grammar and primary school, and could be utilized as a practice school with benefit to the city.

One thing which has operated against the efficiency of city normal and training schools has been the exertion of influence by friends of the normal students upon the school authorities to advance and graduate those who have failed to perform satisfactorily the work of the school and to give evidence of those qualifications that make a successful teacher. This pressure has been so great in a number of cities that their normal and training schools have been abolished. That kind of pressure has been felt here and seems to be growing. This school is a great benefit to the schools of the city and to those young ladies in it who desire to prepare for teaching just so long as merit and efficiency are to be the standards for admission and graduation, and no longer. When these cease to govern, the school will become a positive injury. The schools are maintained for the benefit of the children, and not to give employment to those who may desire to teach in them whether fitted to do so or not.

I desire in this connection to express my appreciation of the service Mr. George H. Tripp, the city librarian, has rendered the schools by the lessons he has given the normal students in the resources and use of the library. Mr. Tripp offered to give a series of such lessons each year to the normal students, and the offer was gladly accepted. He meets them the study period each

Friday afternoon from 2.45 to 4.00 o'clock for some weeks. The lessons of the first half of the course are devoted to an examination of the resources of the library and the method of cataloguing books. The remainder is given to instruction in the use of the library. At the close of the course tests are given the students on the results of the course. If such a course as this could be given the regular teachers it would be very valuable to them.

The graduating exercises of the school were held in the hall of the Robert C. Ingraham school on December 16th, 1904. The program is given in another part of this report. Fifteen young ladies were granted diplomas, all having won that distinction without question. Theses had been presented by all the class, but it would have made the exercises too long to have had them all delivered at the graduating exercises, and two only were delivered on this occasion, the others having been read previously before the School Committee and a few invited guests at the school. A scholarly and inspiring address was given the graduates and the large audience assembled by Mr. Frederick J. E. Woodbridge, professor of philosophy, Columbia University, whose subject was "Liberal Education."

The following statistics are furnished me by the Principal of the school:

Pupil-teachers enrolled during the year,	30
Pupil-teachers admitted to junior class January, 1904,	15
Pupil-teachers in junior class September, 1904,	14
Pupil-teachers admitted to senior class January, 1904,	15
Pupil-teachers graduated December, 1904,	15
Pupil-teachers admitted to junior class, 1905,	13
Pupil-teachers in senior class January, 1905,	10
Days substitution by pupil-teachers,	181.5

THE EVENING SCHOOLS.

The results accomplished in the evening schools as they are organized at present are far from satisfactory. The registration is very large at the beginning of each year, taxing the resources of the school department to provide room and teachers sufficient to care for those who enter. Soon a large number drop out, the illiterates who are required by law to attend when the evening schools are in session, being the most regular, not, however, from a desire to learn, but from mere compulsion. Many of these are of a shifting class of whom it is difficult to keep track, coming from other places here and going from here to other places, moving from one part of the city to another, working in different mills and learning little or nothing. The majority of evening elementary school pupils come to school tired and sleepy when they do attend, are difficult to teach, and scarcely retain any of their knowledge from one year to another. The operation of the illiterate law, I think, is very unsatisfactory.

The schools are kept two nights only for twenty weeks. It may be asked why are they not kept open more nights a week. That plan has been tried and abandoned, chiefly because it was impossible to secure proper teachers for more nights a week without great injury to the day schools. As it is, the day schools suffer from the employment of their teachers for night school service. It is often said that the teachers of the day schools are overworked. I admit they have all they can do, if they do it well; yet, about forty per cent. of them teach in the night schools, and many of them are those, who, by reason of health or inexperience in their day work, are least fitted to do this double duty. A check is needed to be put by the Board upon this double service.

There is a bill pending before the legislature, which provides that illiterates shall not be permitted to work

until they are sixteen years of age. If this bill should become a law, it will relieve the evening schools very much. An illiterate will learn more in a day school properly organized for his class in one year than he would in a number of years in a night school.

The evening high and drawing schools have had about the same attendance as usual. The high school has been somewhat better attended this past fall than for the period covered by the statistical report given elsewhere, which covers the year ending last spring. There are not a large number, considering the size of the city, who seem to care sufficiently for self-improvement to make the effort to attend these schools. Quite a number of those who enter do not remain long enough or attend regularly enough to get much good from these schools. There is a contingent, however, who are regular in attendance, and are much benefitted.

I believe in maintaining evening schools for those who desire to improve their education. But such persons can only be benefitted to any degree by regular attendance through more than one season. I dislike to be pessimistic on any subject; but my experience with evening schools has made me very doubtful of the efficacy of many of those that are maintained at the present time. Of this I am absolutely sure that the results are small in proportion to the time, thought, labor and money expended upon these schools as generally conducted. I believe the same amount of these expended on the organization and maintenance of evening industrial schools would bring far greater return to the community.

MANUAL TRAINING.

With the number of pupils now attending the seventh, eighth and ninth grades it has been impossible for Mr. King to give instruction to them all during the past year. The time of the seventh grades has been cut down one half, and they have had but ten lessons instead of twenty, the usual number. This is a condition that should not be permitted to continue. The value of this instruction has proven itself beyond question, and it is a decided step backward not to continue it for all three grades for the full twenty lessons each year. Many boys leave school before they complete the grammar course, and are now being deprived of the means of acquiring the use of tools and the training that this department should give them, which was even less than is desirable under the original plan. The interest manifested in the work is general with the boys, and appeals to many who manifest little interest in their other studies. Another room ought to be provided and fitted up that next year the pupils of the seventh grades may have full time instruction in this branch. The services of another teacher will be necessary if this is done. I trust this matter will receive consideration by the School Committee and favorable action taken.

DRAWING.

A radical departure was made during the year in the method of teaching the subject of drawing and art study. The new "Text Books of Art Education" issued by The Prang Educational Company were adopted for use in the schools in place of their old series. The new books are texts placed in the hands of the pupils and drawings are made wholly on loose sheets of drawing paper and not in illustrated drawing books formerly used. While the

course as laid down in the new books varies little from that which was already in practice here, the new books will prove to be of greater value to the supervisor and the teachers in securing the best results than did the old series. This new plan of presenting the subject of art education to the pupils is meeting with strong endorsement among teachers far and wide. I feel that I cannot make clearer the purpose and plan of this new departure in teaching this subject than to give them as set forth in the prospectus of the publishers and in a brief report made me by our Supervisor, both of which I subjoin. The first cost of the new books will be larger than the first cost of books of the old series, but the average cost for several years will be smaller.

The publishers give as the purpose of the new course, the following statement: "The course has been laid down, after a conference with the best supervisors of the country, on the following lines, the three great divisions of the work being Observational Work, Technical Work, and Creative Work. These three lines of work are developed through the course as follows:

"(A) The Observational Work is divided into General Aspects of Nature, Flowers, and Fruits, Birds, Animals and Insects, Figure and Still Life."

"(B) The Technical Work is divided into four subjects: Atmospheric Perspective, Linear Perspective, Geometry and Pure Design."

"(C) The Creative Work is divided into three subjects: Constructive Design, Decorative Design, and Pictorial Design."

"(a) In the first three grades the Observational Work largely predominates, the Technical Work having practically no place, and the Creative Work being limited in quantity, and largely imaginative and illustrative in character."

"(b) In the 4th, 5th, and 6th grades, the three lines of work, that is, the Observational, Technical, and Creative, are given nearly equal consideration, particular attention being paid to the steady growth and conscious effort on the part of the children. The work in each line is influenced by that of the other two, that is, the Observational Work is made definite by the influence of the Technical and the requirements of the Creative. The Technical Work grows up out of the Observational, and is limited by the demands of the Creative. The Creative Work is dependent upon the Observational for its materials, and by means of the Technical, sets these materials in order for its own use."

"(c) In the 7th and 8th grades, the Technical and Creative Work predominate, the Observational Work serving more particularly to furnish additional materials and inspiration for the Creative Work, and at the same time, furnishing the ground for the development of the Technical."

"In arranging the various exercises and lessons in the construction of this course, it has been the effort to keep in mind the interest of the child and his mental growth, and also the interrelation of the different subjects or divisions."

"Briefly, the thought in these books is to make principle paramount to exercise; to give the child a chance to reason things out for himself, and to put before him the good expression of others, and to so direct his work that he will be led to appreciate the fundamental truths which underlie all expression in line and color."

MR. WILLIAM E. HATCH,

Superintendent of Schools.

DEAR SIR:—Since the publications of the Outlines in the Course of Study, a change has been made from the drawing books to the Text Books of Art Education, issued by the Prang Educational Company. These text books are in use at present through the sixth grade. This change gives us more freedom than before. Among the advantages gained is the excellent help in color.

In the primary grades the work is first free drawing, spontaneous expression of what the children see and think, followed by guided expression; story-telling with brush, pencil, and scissors; observation, comparison of size and proportion; form study and expression in clay modeling, particularly of life forms. Drawing is used to assist in the expression of nature study — the passing of the seasons, the departure and return of the birds, the formation of snow crystals, the habits of animals, life history of insects, growth of plant forms, fruits and vegetables. Children like to construct and take satisfaction in their own handiwork, however simple the thing made. The making of objects in paper requires accuracy in folding and in measuring and care in planning.

In the grammar grades the work is more analytical. It includes drawing from nature and life forms in pencil and color; observation of objects under different aspects, involving simple perspective problems, such as the foreshortening of circles and representation of cylindrical and hemispherical objects in different positions in the sixth grade, the appearance of rectangular objects in different positions and at varying levels in the seventh and eighth; making patterns and constructing articles in paper, the use of the working drawing; in the eighth and ninth grades, instrumental drawing to scale; designing shapes of objects which shall combine beauty of proportion with

serviceableness; the derivation of a unit from natural forms and the use of abstract shapes and measures in surface coverings and borders.

In both primary and grammar schools the work is correlated with other studies in the way of illustration in nature study, history and language, and design is applied to the decoration of book covers, themes and objects of school interest.

In the high school the work is continued along the same lines with more detailed work in perspective and in mechanical drawing; representation in light and shade in black and white and in color; applied design.

To some of us has been granted by nature and inheritance the gift of active aesthetic appreciation and expression, in more it lies dormant until awakened and given opportunities for activity. With many, after leaving school, life will be so filled with the struggle for material things that aesthetic feeling would have small chance for development unless called forth in earlier years. Not alone is it the question of forming taste and cultivating a love for beauty; the practice and judgment of relations, the training of the eye to see, and hand to do, have results reaching beyond the present schoolroom production.

Respectfully,

LUCY C. BEDLOW,
Supervisor of Drawing.

THE TEACHING FORCE OF THE DAY SCHOOLS.

There are employed in the day schools at the present time 253 regular teachers. Of this number, ten are supervising principals who teach only part of the time; fourteen are principals, having charge of primary or mixed schools, comprising from four to eight classes, each teaching a class; five rank as principals and have charge of city ungraded or rural ungraded schools; twelve are supervisors and teachers of special subjects; six are kindergartners; one is a permanent substitute; the remainder, 205 in number, are class teachers; Eighty-five per cent. of these are college or normal school graduates. The remainder are teachers of long experience, who, for the most part, have, by study, added to their general and professional knowledge, and number among them some of our most successful teachers.

The corps, as a whole, is one in which the city may well take pride. They vary, it is true, in teaching ability, in power to control and influence their pupils, in physical and mental equipment, in love for and devotion to their profession, and in their appreciation of the necessity for continuous special and general study, that they may grow and become stronger each year in their calling. Those who may not possess as much natural aptitude for teaching or governing, as is desirable, ought not to be criticised for lack of them, though they are failures if they fall below a certain standard, and have chosen the wrong calling if experience does not give them sufficient strength to make them at least fairly successful. But those who fail to recognize the dignity and importance of teaching, and, having chosen it as a profession, are unwilling to pursue it with zeal and devotion, and seek constantly to know better each year its demands and equip themselves to meet them, are blamable.

Many of the teachers are students of professional literature, read more or less for general knowledge, and seek other means to become broader and more proficient. The opportunities for intellectual growth and the acquirement of culture are many in the city at this day, and call for little or no outlay in acquiring them but time and effort. The city library, with its large and excellent collection of books, and a librarian who was a most successful teacher for years, and who is ever ready to assist those who are seeking knowledge; the pedagogical library at the school committee rooms; the reference and desk books supplied generously by the School Board to the teachers; educational journals and magazines to be had at a small outlay; lectures on a great variety of subjects and musical entertainments of a high order,—all these and many other means for self improvement are to be had here at home. And to these may be added the various summer schools, which are maintained by our normal schools and colleges, the educational organizations and institutes with their meetings, which give opportunity to those who wish to perfect themselves in their work and extend their professional horizon.

But there are too many who make little or no use of these means at hand for growth and self culture. Teaching with such as those becomes an occupation, not a profession, and unfortunately it is difficult to make the community realize the wide difference between the results of their narrow instruction and that of those who have broader conceptions and grasp. For this reason some teachers are retained in their positions who do not deserve to be. A writer in one of our leading magazines, who has given much time to the investigation of public schools, their condition, their methods and their teachers, has asserted that teachers, as a class, are not readers and students; that they consider their every day communion with text-books and a few reference books a sufficient

acquaintance with literature. If this is true, it is most unfortunate.

Examinations are required in some places at stated intervals to test the scholarship of the teachers. Whether this is wise is questionable, but surely one who aspires to a principalship or other positions of high responsibility should be able to give satisfactory evidence of scholarship, administrative ability, and enthusiastic devotion to his profession.

The elementary schools of this city are now being recruited chiefly by graduates of the city Normal and Training school. There are now 115 of the 253 teachers who have been professionally fitted in that school. There is a menace to the efficiency of the schools in this very fact, unless these graduates improve every opportunity after appointment to positions in the schools to improve themselves by study, not only of those branches which bear directly upon their grade work, but of those which will give their pupils a broad outlook and a knowledge of life outside.

The schools are called upon now to absorb each year fifteen young inexperienced teachers of our normal school, and several others who are graduates of the State Normal schools, and residents of the city. This is because the feeling is prevalent that teachers resident of the city shall be employed to the exclusion of others, whether they are as well qualified as others or not. While I am in favor of giving the preference to home talent to the exclusion of others, provided both are of equal worth, it is injurious to the interests of the children to employ so many inexperienced teachers as we are now doing. There has been some friction and loss in the schools during the last few years by reason of this policy, especially in the grammar grades. Many cities that pay less yearly salaries employ no teachers, even if residents, who have not had at least a year of successful experience. This is a

matter of vital importance to the future welfare of the schools, and I ask for it the most careful consideration.

A city system of schools must necessarily be more complex in its organization than those of smaller places. Government is more difficult, competition is keener, and many other reasons make it more difficult for young teachers without experience to begin their work at once in a large school system. This is not my judgment alone, but that of many. I have said in my report on the Harrington Normal and Training school, that a practice school where the graduates might work for a year before being placed on the regular list of teachers would help present conditions. They might be paid there less salary than regular teachers, their responsibilities being less. Some remedy ought to be applied, for a whole school system suffers appreciably from the results of inefficient teaching and weak control in even a few rooms.

I append the names of those teachers who have resigned during the year, and the names of those who have been appointed; also those who were absent on leave for whole or part of year, and temporary teachers. This list does not include the ordinary absences for various causes, which are many.

RESIGNATIONS.

Brown, Robert M.
Barstow, Mary C.
Eaton, Emma A.
Gleason, Mary E.
Hart, Annie C.
Lamb, Mary O.
Macy, Mary A.

Maxfield, Annie C.
Peckham, Mary E.
Phillips, Harriet S.
Pratt, Edith W.
Potter, Grace H.
Smith, Annie F.
Van Allen, Anna E.

APPOINTMENTS.

Alley, Emma S. Y.	Kane, Mary E.
Brownell, Harriet P.	Killigrew, Mary L.
Bryant, Mary	Karcher, Esther L.
Baker, Nettie S.	O'Leary, Wesley A.
Blanpied, Ethel O.	Sanborn, Alice A.
Christopher, Lottie S.	Stow, Lizzie M.
Deacon, Jennie M.	Sequeira, Myrtilla G.
Dexter, Marion H.	Tresham, Julia V.
Ellis, Julia A.	White, Lucy M.
Fuller, Laura B.	Wilde, Laura H.
Jason, May B.	Yates, Josephine C.

ABSENT ON LEAVE FOR WHOLE OR PART OF
THE YEAR FOR STUDY.

Bedlow, Lucy C.	Shaw, Emma K.
Blake, Ada S.	Sherman, Clara E.

ABSENT ON LEAVE FOR ILLNESS.

Corwin, Flora M.	Rogers, Anna C.
Hill, Anna.	Sweet, Kate
Petty, Mary L.	

TEMPORARY TEACHERS.

Bennett, Harriet P.	Perley, M. Elizabeth
Gammons, Helen A.	Rollins, Albert M.
Nudd, Alice T.	

DEATHS.

Briggs, Elizabeth P.	Graham, Mary J.
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It is my sad duty to report the death, during the year, of two teachers,

MISS ELIZABETH P. BRIGGS,

MISS MARY J. GRAHAM.

Miss Briggs was an efficient teacher of modern languages for many years in the high school. She contended against failing health for some time before asking for leave of absence, and had not been out of the school very long before she passed away. Her death was deeply felt by all with whom she was associated in her work, and by the many graduates of the school for whom she had done so much. A teacher's life and influence, more than that of most persons, live in the lives of others, and the years of faithful service rendered by Miss Briggs in the quiet fulfillment of the duties of her chosen profession will continue to be felt long in the future by the many who sat under her teaching.

Miss Graham was for thirty-one years a teacher in the primary schools. She was a woman of warm heart and tender susceptibilities, who performed the duties of her position always with unfailing fidelity. Though she contended for many years against the weakness of a frail constitution, she labored uncomplainingly to the end in her profession, and passed on to a higher sphere, bearing the love and esteem of all who knew her.

MEDICAL INSPECTION.

Medical inspection in the schools was instituted in 1897 under the direction of the Board of Health with the consent of the School Committee. At first, two physicians only were employed. They were unable to visit the schools often enough to make the inspection effective, especially in cases of contagious diseases. The doctors seldom visited the class rooms, but dealt with the children sent to the principal's office by the teachers. To increase the efficiency of the inspection two more physicians were employed, and the Board of Health met the Superintendent of Schools, and together they formulated a plan by which the inspectors should visit every school as often as once a week, and oftener, if there was any special cause for doing so. In their visits, they were to go into every class room that all pupils might be brought under their direct inspection.

The last plan adopted worked very satisfactorily, most of the cases of contagious diseases being detected in their early stages and their spreading materially checked. How effective this last plan was, as compared with a period when there was no inspection, is shown by the following figures. During the year when there was medical inspection 1,093 cases of contagious diseases were reported to my office, for which 2,974 notices were forwarded to the principals of the schools who might have pupils in their schools directly affected. Last year when there was no medical inspection, 170 cases only were reported to my office, for which 570 notices were sent to principals. The number of cases reported during inspection, 923 being the difference of the cases reported to the Board of Health by family physicians, and inspection on one hand, and family physicians alone on the other. All of these cases reported when the inspectors were visiting the schools do not represent diphtheria, scarlet fever, small pox, and the like

provided for in the statutes, but include others, which, if not so dangerous, are at least harmful. They do not include pediculosis and other offenses against cleanliness. Some persons are inclined to sneer at the work of the inspectors in trying to eradicate pediculosis and other uncleanly conditions; but they are not often parents of children possessing wholesome homes and caretaking mothers, whose children become infected by those pupils who do not have these desirable environments out of school. In fact, the teachers have more complaints from parents in regard to pediculosis and certain contagious diseases than the Board of Health ever know of through the family physicians, than they do of those more dangerous, and which the family physicians are compelled by law to report. Again, in many cases of scarlet fever of a mild form, no physician is called to the house, and children return to school in the stage when they are in the condition to spread the disease more than at any other time. In such cases the services of the inspectors are invaluable, for the teacher can send for him, even if it is not his day to visit, and his decision often confirms her fears.

Besides the aid that the inspectors gave to the teachers in cases of contagious diseases of all kinds, they rendered valuable service in discovering functional diseases and other abnormal conditions of children. Simple tests were used to determine these, and when suspicion was confirmed, there was no attempt to treat them at school, but the parents were notified and asked to act. The only cases ever treated directly were those of uncleanness, and those were dealt with under the direction of the teacher, acting under the advice of the physician and the authority of the School Committee.

I am a believer in the responsibilities of the home, nor would I abrogate to the schools any responsibility of the home which it will fulfill. But, unfortunately for the better portion of mankind, there is in every community

those who cannot be permitted to act their own pleasure, because if they are allowed to do so they become a menace to public safety and the moral welfare. If this were not true, there would be no necessity for compulsory school laws, for a Police Force, for a Board of Health, or many other institutions which the law abiding, tax-paying, considerate citizens feel the necessity of maintaining for the public good.

In a cosmopolitan city like ours, with many citizens whose poverty or moral condition makes them indifferent to those things which the better class cannot tolerate, the public must take upon itself certain authority that may not be necessary to a community which is small, more homogeneous, and living on an average higher plane. The man who attempts to prescribe in this day just where public intervention and control must stop has attempted to solve arbitrarily one of the greatest problems of the age. The will of the majority is the law to which we have committed ourselves; and when the will of this majority assumes certain public duties, which prove, on trial, to work for the common welfare, they are likely to continue. All these questions concerning public control are bound to be matters of contention for years to come, and medical inspection is but one of many that are to be settled.

I believe in medical inspection. It is a logical outcome of compulsory education. And so far as that goes, when the State institutes compulsory education, there is no logical limit to the functions that it may perform but that prescribed by the will of the people. It may go to the extreme of the Spartans of old, who assumed the charge of the child at birth and educated him for the service of the State.

But unfortunately for medical inspection with us, the question of continuing it, though generally admitted to be desirable, has been discontinued by reason of a disagree-

ment between the City Council and the Board of Health about the appropriation for it. Undoubtedly, had the City Council made the full appropriation asked for last year by the Board of Health, medical inspection would be in operation in the schools today.

In the meantime, for a year there has been no medical inspection in the schools, and the contention has been renewed whether the Board of Health or the School Committee shall have direct charge of the work, and to which body shall the appropriation be granted by the City Council. In the discussion that has arisen, there has been interjected into the controversy, the question of the scope the inspection shall take. Some would institute an inspection that requires a diagnosis of every child and a tabulation of the functional and other diseases of every child in the schools. This seems to me to be most desirable, if the co-operation of parents can be secured and the expense attending it can be afforded. But surely we should have medical inspection under some plan even though it be no more comprehensive than the one formerly in practice. I would go even farther and say that the welfare of the schools demands it.

SCHOOL ORGANIZATION.

Various forms of organization are being tried by which the operation of the graded system, with its tendency to deadening uniformity and suppression of individual aptitude, may be made elastic. One hears of the Batavia plan, the Elizabeth plan, the Cambridge plan, and others. Superintendents and teachers make pilgrimages to these and other places, witness the plans in operation, and perhaps attempt something of the same in their own schools. Sometimes these imported schemes proves successful in the new fields, and often they fail.

An organization that may prove successful in one place under a leader who believes in it, who has the power and skill to create enthusiastic workers in it, fails in another by reason of conditions that do not prevail in the other. Local conditions must be carefully studied in making innovations. The size of the place, the character of the population, financial resources, the school plant, the preparation of the teachers, these and other matters all have their effect upon the success or failure of some much lauded plan for the regeneration of a school system.

All persons who have given the subject of modern school organization much thought, must be impressed with the great differences that prevail in it throughout this country, and recognize the merits and defects that exist in all. But it seems to me that a crude and unscientific way to solve this most important question, and one that is productive of disastrous results in many cases, is the way we are going at it at the present time.

Some forceful, scholarly superintendent, with marked executive ability, thinks out and puts into practice some plan that improves matters in the schools of the city or town which he directs. It attracts attention. His schools are visited by others who are pleased with its workings as observed. They go home, advocate it and it is tried. Often it means a complete revolution. At first it seems to succeed. Then for various reasons it fails and the last condition is worse than the first. The superintendent loses his place and the whole school system suffers for years.

This is no pen picture, but it is of not infrequent occurrence. Hasten slowly is an excellent motto in school affairs. One is dealing with human lives. I am no reactionary. I believe in and welcome all that indicates true progress. But I believe that it is possible to proceed in the matter of rectifying the faults that undoubtedly exist

in the general character of school organizations in a far better manner than prevails today.

I read that one city has changed its seven-year elementary course to an eight-year course; that another has changed its nine-year elementary course to an eight-year course; that another has changed its eight-year elementary course to a seven-year course; that some have four and others three years primary and four or five years grammar. These are but few of the schemes that are being tried in the attempt to adjust conditions that are unsatisfactory.

All claim that they are giving the children the best advantages, the shorter courses as good as the longer.

Now, school organization is a very practical question. It touches educational economy as well as educational efficiency. Is there no solution of it? Is it not possible to arrive at definite conclusions as to the general kind of organization that is best for large cities, for small cities, for towns and rural districts, modified as necessity requires to local conditions? We have a great National Educational Association with a National Council and various departments, among which is the Department of Superintendents. This Association has done invaluable benefit to the schools of this country by its committees of conference which it has appointed from time to time, and for which it has made liberal appropriations. These committees have investigated certain phases of educational work and reported the results of their investigations, for instance, The Report of the Committee of Ten. These reports have had great influence on crystalizing public sentiment on matters which came within the sphere of their investigation. Until this Association or some other of educational prominence, (and there is none other so far reaching in its influence on public schools as the National Association), investigates and puts the stamp of approval

on forms of school organization, will we cease to go on in the hap-hazard course that we are now pursuing.

The organization of the schools of New Bedford differs in some respects from most of those even in Massachusetts. We have four years primary and five years grammar, while most systems have three years primary and five or six years grammar. We have some ungraded schools for pupils who do not grade. But we do not have enough of these schools, nor do we make adequate provision for those pupils who are intellectually the strongest or for those who are mentally deficient.

Some statistics that I have gathered from the primary schools of the city, which have an indirect bearing at least on this subject, show the necessity of some modification of the organization in these schools. There were reported, at the time the statistics were taken, a membership of 5,977 pupils. Of these there were 3,470 who had attended no other school than that in which they were enrolled at the time the statistics were taken; 1,486 had been members of some other school in the city; 553 had attended for a time the public schools of some other city or town; 468 had attended for a time some parochial school; and out of the whole number, 771 were foreign born. The majority of those who had not attended continually the public schools of the city did not grade well with our schools. A census of children who were pronounced mentally deficient, taken a few years ago, showed that there were about forty of that class in the schools. We have no special school for these children. We have ungraded schools that will accommodate about a hundred pupils who do not grade, while the statistics given above lead me to the conclusion that ungraded schools which would accommodate six or seven times that number are desirable, and at least two special schools for the mentally deficient.

The length of the elementary course, of the high school courses, general, classical, and commercial, and the

number of pupils that should be assigned to a teacher in the various grades, are other questions of school organization upon which there should be a more settled policy than prevails. As I have said before, I believe there can be a rational solution school organization which shall commend itself to the country at large.

CONCLUSION.

In closing I wish to thank the Board for its support and co-operation. With these the Superintendent can maintain the efficiency of the schools and cause them to progress continually. Without them he cannot hope to accomplish much.

Respectfully submitted,

WM. E. HATCH,
Superintendent.

1905 — CITY DOCUMENT — No. 7.

Twenty-Sixth Annual Report

OF THE

BOARD OF HEALTH

OF THE

CITY OF NEW BEDFORD

TO THE CITY COUNCIL

For the Year 1904.

**NEW BEDFORD :
THE A.E. COFFIN PRESS, CITY PRINTERS,
1905.**

REPORT.

OFFICE OF THE BOARD OF HEALTH,
NEW BEDFORD, January 1, 1905.

*To His Honor, the Mayor, and Gentlemen of the City
Council : —*

GENTLEMEN — In presenting the 26th Annual Report of this department, we are pleased to say that the year which has drawn to a close has been an exceptional one as regards the health of the community. The death record (1347) as compared with the year previous, when there were 1590, is certainly a favorable showing, especially when it is considered that there has been a very material increase in the city's population. There were but few contagious diseases during the 12 months, the record showing the smallest number for 13 years. At no time during the year were there more than 17 dwelling houses held in quarantine for contagion, while on several occasions the number was reduced to four, and early in June there were but two, a condition which we trust will be repeated the coming year.

GARBAGE AND ITS DISPOSAL.

During the year, by vote of your honorable body, we were authorized to annul the old contract with the New

Bedford Product Co., and to make a new one with the New Bedford Extractor Co., for the term of 10 years. This has been done and at the same figure for which the work has been carried on during the last three years. The new contract calls for collections from all parts of the city, and we feel that the city has been a gainer in thus insuring a sanitary collection and disposal of the city's garbage for such a term of years, at an expense which will not advance with the natural growth of the city's population.

The New Bedford Extractor Co. will have in operation by the middle of February, a plant, duplicated in parts, to meet any emergency that may arise in the process of destruction. We have no hesitancy in saying that no city in the United States will be better equipped to handle its refuse material than New Bedford, when the new plant is operated. It is no small undertaking to collect and destroy daily 30 tons of garbage, and as this amount has continuously increased during the last five years, it is a self-evident fact that your honorable body made no mistake in directing us to act in this matter.

The expense per capita is lower than in any other city in the United States where garbage is collected and destroyed. While many cities continue to feed their garbage to swine, thereby lessening greatly the expense, such procedure is not considered beneficial to the health and sanitary conditions of the cities themselves, and especially the surrounding neighborhoods from which the milk supply of the cities is almost wholly drawn. It is only a question of a short time when all cities will destroy their garbage.

MEDICAL SCHOOL INSPECTION.

Owing to the refusal of an appropriation which was asked for to continue the medical inspection of school

children, we were reluctantly obliged to give up said work. We trust that in the near future we shall be granted sufficient funds to carry on this important service.

BURIAL PERMITS.

It is gratifying to report that in the preparation of records necessary before issuing burial permits to undertakers, a better idea of what the National and State governments require has been acquired. A system, the plan of recording facts of this character, approved by National and State officials, has now been in vogue for over a year, and the undertakers have readily seen the wisdom of such a policy. With the same care in ascribing the causes of death on the part of some physicians, the Board feels that the aim of the National authorities will have been accomplished.

ISOLATION HOSPITAL.

During the year, in compliance with statutory requirements, an isolation hospital has been erected at Clark's Point, just south of the avenue leading to the Almshouse. It should be equipped at once and placed in readiness for the reception of patients. The Board feels that the city is to be congratulated upon the possession of a hospital for the care of patients afflicted with diphtheria or scarlet fever, who living in boarding houses and large tenement blocks endanger others, oftentimes being the innocent means of causing epidemics of those diseases. We believe its usefulness will be better appreciated as the people become better acquainted with its conveniences, situated as it is in a most healthful locality, with an abundance of pure air.

PUBLIC VACCINATIONS.

In compliance with law, this department has, during the year, vaccinated 950 children, 115 of which were obliged to be revaccinated.

PLUMBING INSPECTION.

The enforcement of the plumbing ordinance causes less and less friction as plumbers and householders learn by experience the aims and objects of such a law. During the past year, there have been conducted by the Examining Board, 11 examinations, and the following is a list of all who have been licensed as plumbers during the 12 months ending Dec. 31, 1904.

MASTER.

Jos. O. Savage,
Thos. Gregory,
Arthur Weeks,
Thos. P. Knowles,
John Hargraves,
Herbert C. Reynolds,
Alfred L. Belanger,
Martin V. Cahoon,
J. D. Elliott,
Wm. H. Mudge,
Allen J. Searell,
E. P. Hirst,
Geo. J. Allen,
Percy C. James,
Jos. P. Rielly,
Allan McAlpine,
Edw. H. Gregory,

JOURNEYMEN.

Everett N. Tinkham,
J. H. Benson,
Zoeth Tripp,
Dan'l McGrath,
Edw. D. Lawton,
Thos. Wareing,
Herbert Bolton,
Alonzo V. Jason, Jr.,
Wm. D. Hamel,
Edw. Beauregard,
John H. Lowney,
Jeremiah McCarthy,
Walter P. Bailey,
J. W. Morris,
Chas. H. Stowell,
Chas. L. Allen,
Chas. E. Mellor,

BOARD OF HEALTH.

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Wm. E. Searell,
Sam'l R. Clark,
Jas. E. McGoff,
J. V. O'Neil,
Jas. G. Hellyer,
Jas. F. Collins,
Azarie Bolduc,
Michael L. Sylvia,
H. J. Gurl,
John N. Lowney.

Chas. Kennedy,
Napoleon Bertrand,
Chas. LaBossiere,
John Burke,
Oliver J. Beach,
Warren F. Smith,
Jas. G. Hellyer, Jr.,
Jos. Sevigny,
P. M. Haughey,
Wm. R. Collins,
Jas. Murphy,
John Murphy,
Frank Fichtenmayer,
Lawrence S. S. Russell,
Jas. J. Phelan,
Jerry Coholan,
Edw. Carr,
Alonzo Y. Spooner,
Wm. H. Barry,
John Enos.

UNDERTAKERS LICENSES.

During the year 1904, the following persons were granted licenses as undertakers:

H. J. Proulx,
Jos. Carrier,
W. C. Vaughan, Jr.,
J. F. Rogers,
J. E. Moriarty,
T. J. Murphy,
Leon Goldstein,
R. G. Bennett,
J. F. Sullivan,

V. Girard,
A. Desautels,
Israel Gerstein,
P. H. Sherman,
Louis S. Williams,
J. Rogers,
J. D. Sullivan,
W. L. Mosher,
A. P. Lagasse,

J. S. Williams,	E. C. Caswell,
Geo. E. Thomas,	Simon Simanski,
C. E. Vaughan,	E. R. Gravel,
H. P. Wilson,	W. A. Payette.
Patrick F. Garrity,	

During the year 1904, the following permits were granted by the Board:

Cleaning vaults and cesspools,	12
To reinter,	141
Stable,	4
Cattle,	15
Swine,	20

We refer you to the various reports outlining in detail the work of this department.

Respectfully submitted,

WM. G. KIRSCHBAUM,
JOHN T. BULLARD, M. D.

EXPENDITURES FOR THE YEAR 1904.

Dec., 1903,	\$2,904.61	
Jan., 1904,	2,787.42	
Feb., 1904,	2,645.08	
March, 1904,	2,672.96	
April, 1904,	2,630.32	
May, 1904,	2,738.72	
June, 1904,	2,636.81	
July, 1904,	2,609.59	
Aug., 1904,	2,805.56	
Sept., 1904,	2,815.67	
Oct., 1904,	2,684.86	
Nov., 1904,	2,656.49	
	<hr/>	\$32,588.09
Amount appropriated for the year,	\$30,000.00	
Deficit,	2,588 09	
Transferred from unappropriated funds,	2,588.09	

REPORT OF MEDICAL INSPECTOR.

NEW BEDFORD, JAN. 1, 1905.

To the Board of Health.

GENTLEMEN:—I herewith submit my report as Medical Inspector from Jan. 1st, 1904, to Dec. 16th, 1904:

I have investigated 50 cases of scarlet fever, 52 cases of diphtheria, 59 cases of typhoid fever, 3 cases of measles, and 11 cases of a suspicious nature. Signed 39 death certificates, where there was no attending physician or the certificate of the attending physician could not be obtained before the burial of the deceased.

Respectfully submitted,

ALPHONSE NORMANDIN, M. D.

REPORT OF MEDICAL INSPECTOR.

NEW BEDFORD, JAN. 1, 1905.

To the Board of Health.

GENTLEMEN: — I herewith submit a report as Medical Inspector from Dec. 16th to Dec. 31st, 1904:

Investigated 3 cases of scarlet fever, 7 cases of diphtheria, and 2 cases of typhoid fever. Signed 3 death certificates.

Respectfully,

JOS. P. ST. GERMAIN, M. D.

REPORT OF BACTERIOLOGIST

For the year 1904.

NEW BEDFORD, JAN. 1, 1905.*To the Board of Health.*

GENTLEMEN: — I herewith submit my report for the past year.

Diphtheria:

Whole number taken,	239
Positive,	66
Negative,	103
Doubtful,	10

Number of new cases:

Positive (1st)	35
Negative (1st)	85
Doubtful (1st)	6

Tuberculosis:

Number of tests taken,	85
Positive,	13
Negative,	72

Typhoid fever:

Number examined for widal reaction,	4
Positive,	0
Negative,	4

Respectfully submitted,

CHAS. F. CONNOR, M. D.

MORTUARY REPORT, 1904.

CAUSE OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Abscess, abdominal.....				1									1
Abscess, cerebral.....				1								1	2
Abscess of throat.....	1											1	1
Alcoholism.....	2	1											3
Apoplexy.....	5	5	5	3	2	5	4	2	6	3	2	5	47
Anæmia pernicious.....	1	1					2			2	1		7
Arterio sclerosis.....		2	1	3	1	1		3	3		1	1	15
Abscess of liver.....					1			1				2	4
Atelectasis.....					1		3	1		1			6
Asphyxia.....					1			2					3
Athrepsia.....								1					1
Appendicitis.....									1				1
Antipartem hemorrhage....										1			1
Asthma.....			1									2	3
Brain disease.....	1		1	1									3
Brain, injury to....									3				3
Burns.....	1		1			1			1	1		1	6
Bronchitis.....	2		8	6	4		3	1	4	1	2	4	35
Cancer of breast.....	1	1									1		3
Cancer of bladder.....			1										1
Cancer of brain.....				1									1
Cancer of axillary gland...							1						1
Cancer of eye.....			1										1
Cancer of face.....			1										1
Cancer of intestines.....				1	1				2				4
Cancer lymphatic.....			1										1
Cancer of neck.....				1								1	2
Cancer of liver.....										2	1		3
Cancer of pancreas.....		1											1
Cancer of pleura.....					1								1
Cancer of pylorus.....							1						1
Cancer of stomach.....		3	1	3		1	1	1	1		1		12
Cancer of stomach and liver							1						1
Cancer of superior maxilla..	1												1
Cancer of uterus.....	1		1	3	2	1	1	1	2		1		13
Convulsions.....	4	5	3	1	1	3		5		1	2	1	26
Caries of vertebre.....	1												1
Cyanosis.....	1												1
Cholera infantum.....			1			2	26	39	24	4			96
Cystitis.....						1			1				1
Cerebro spinal sclerosis....													1

MORTUARY REPORT, 1904. (Continued.)

CAUSE OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Debility	1					1	1	2		1			6
Debility, infan.....	6	5	3	6	7	5	7	13	8	10	9	6	85
Dystocia	1			1	1								3
Diphtheria	1		3	1	1			1		2	1		10
Diabetes	1		2		2				1	1	1	4	12
Drowning						2	1	1	1			1	6
Dementia, senile								2		1		1	4
Diarrhea								2	1				3
Dysentery								1	1				2
Enteritis		1				1		1	7	2		1	13
Enteritis gastro.....	4		2	2			8	20	8	11	1		56
Eclampsia	1	1				1	2		3			1	9
Embolism cer.....	1			1	1								3
Exposure to cold	1												1
Erysipelas		1		1	1	1	1					1	6
Epilepsy			1										1
Enterocolitis					1			1	2	1			5
Epithelioma									1				1
Fracture of ribs.....							1						1
Fracture back of skull	1	1	1		1	1							5
Fracture of spine				1					1				2
Fistula, recto vaginal					1								1
Fever, continued											1		1
Fever, typhoid						4		2	1	2	1	2	12
Fibroid, tumor of uterus...												1	1
Gastritis	3	1	1	2	2	1		2	2	3	1	1	19
Gangrene		1	1			1		1				1	5
Gangrene of foot.....					1								1
Gallstones						1							1
Heart disease	10	13	17	16	10	8	8	9	7	9	7	14	128
Hemiplegia		1	2										3
Hemorrhage					1								1
Hemorrhage, internal						1							1
Hemorrhage pulmonalis....					1				1	1			3
Hemorrhage pancreatitis									1				1
Hemorrhage umbilical				1									1
Hepatitis					1			1				1	3
Injury at birth	1			1									2
Intestinal obstruction		1			1	1				1			4
Influenza		1	5		1								7
Intussusception							1	1					2

MORTUARY REPORT, 1904. (Continued.)

CAUSE OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Ileo colitis								1	2				3
Internal injuries									1				1
Jaundice			1		1								2
Kidney disease	3	6	5	7	13	4	7	6	8	7	6	8	80
Liver, cirrhosis of	1				1			2	1	1	2		8
Liver, lacerated wound of									1				1
Liver, tumor of										1			1
Lungs, congestion of		1											1
Lungs, oedema of	1									3			4
Leucæmia			1										1
Laryngismus strid		1			1				1				3
Meningitis	2	2	5	3	1	2	1	3	1	3	1	4	28
Meningitis cer.					1					1			2
Meningitis cer. spinal	1	2	1										4
Meningitis spinal		1											1
Meningitis tub.	1		1	2	1	1	1		1		1		9
Mania				1							1		2
Mania puerperal									1				1
Metastatic abscess of lung				1									1
Malnutrition					1			3	1		1		6
Morphinism					1								1
Myelitis							1						1
Melancholia											1		1
Natural causes	3		4	2		1		1	3		1		17
Old age	2	1	1	1	1	1	2	1		2	2	1	15
Osteo sarcoma						1							1
Premature birth	3	3	2	4	4	2	1	4		2	2		27
Paralysis	3	1	2		2		1	1		2	2	1	15
Phthisis pul.	13	15	8	14	14	12	8	8	6	9	13	17	137
Purpura hemorrhagica	1			1									2
Pneumonia	21	19	22	10	13	7	4	2	2	9	14	21	144
Peritonitis	1	1			1	1			1	1	2		8
Peritonitis tub.					1								1
Post partem hemorrhage		1											1
Pleurisy		2	2			1					1	1	7
Placenta prævia					1			1					2
Pelvis, sarcoma of					1								1
Pyæmia							1				1		2
Poisoning by wood alcohol							1						1
Pistol shot wound of intest.								1					1
Pyloric obstruction										1			1

MORTUARY REPORT, 1904. (*Continued.*)

CAUSE OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pyloric stenosis										1			1
Rheumatism						1							1
Rheumatism articular									1				1
Rachitis							1						1
Spina bifida	1		1										2
Suppurated glands in neck	1												1
Suppuration of gall bladder	1												1
Sarcoma of breast						1							1
Sarcoma of leg	1												1
Sarcoma of pharynx	1												1
Sarcoma of inf'r maxillary bone								1					1
Septicæmia	1	3		1		1		1			2		9
Septicæmia puerperal	1	1							1				5
Suffocation ac.	1										1	1	3
Suffocat'n from growth in throat												1	1
Shock						1							1
Shock, scalds								1					1
Shock, surgical			2					1					3
Syphilis				1								1	2
Suicide phosphorous poison				1									1
Suicide carbolic acid				1				1					2
Suicide gunshot w'nd of br'n									1			1	2
Tonsilitis		1										1	2
Toxæmia					1								1
Toxæmia intestinal				1									1
Tuberculosis								1		1		2	4
Tumor abdominal											1		1
Unknown					1								1
Ulcer of stomach										1	1		2
Whooping Cough										1			1

MORTUARY REPORT, 1904. (Continued.)

		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Under 1	males...	20	15	15	15	13	8	35	44	27	20	18	13	243
	females...	15	7	13	11	12	8	12	42	25	19	7	9	180
1-2	males...	1	3	9	1	4	1	3	5	8	3	2	2	42
	females...	1	1	3	1	2	2	1	2	3	1	2	2	18
2-3	males...	..	..	3	1	..	1	2	..	..	..	2	1	11
	females...	3	..	2	3	1	..	1	3	..	2	..	2	17
3-4	males...	1	..	..	..	..	1	..	..	1	..	1	2	6
	females...	..	..	..	..	1	1	1	..	..	..	1	1	5
4-5	males...	..	..	..	1	..	3	..	1	2	..	1	1	9
	females...	1	..	1	1	..	..	..	..	..	..	..	1	4
5-10	males...	..	2	1	1	1	..	..	..	..	2	1	..	8
	females...	1	..	1	1	2	1	..	..	..	1	..	1	8
10-15	males...	..	..	..	1	..	2	..	..	1	..	..	1	5
	females...	2	1	2	..	..	..	..	..	..	1	..	..	6
15-20	males...	1	1	3	..	3	1	3	1	..	1	..	1	15
	females...	2	6	2	2	2	..	1	..	..	..	1	2	18
20-30	males...	10	5	2	6	5	5	4	3	4	3	7	5	59
	females...	6	4	4	5	6	3	3	3	8	6	4	4	56
30-40	males...	3	8	2	6	3	5	3	3	4	5	..	6	48
	females...	3	10	3	4	4	3	3	4	..	4	2	5	45
40-50	males...	6	2	4	4	5	3	1	3	3	3	9	3	47
	females...	3	1	7	5	6	2	4	5	3	2	5	7	50
50-60	males...	6	5	4	4	3	5	2	4	8	4	10	3	58
	females...	3	5	5	6	6	2	8	5	6	8	3	8	60
60-70	males...	6	5	5	7	9	5	3	5	11	4	3	5	68
	females...	4	9	10	6	9	2	3	5	3	3	4	9	67
70-80	males...	3	5	6	5	2	8	5	4	5	3	2	6	54
	females...	9	5	7	5	6	3	5	3	2	5	3	7	60
Over 80	males...	3	2	5	2	3	2	3	5	2	4	3	5	39
	females...	5	5	4	5	1	4	1	6	3	1	5	1	41
Still-birth	males...	9	9	6	7	3	7	6	4	2	10	7	5	75
	females...	7	1	6	3	5	3	5	8	3	3	1	4	49
Unknown	.....	..	..	..	..	1	..	..	..	..	..	..	..	1
Whole No. of deaths		118	107	123	109	110	81	102	156	126	108	94	113	1347
Whole No. of males		80	53	59	54	51	50	64	78	76	53	59	54	711
Whole No. of females		58	54	64	55	59	31	38	78	50	55	35	59	636

Estimated population, 76,000.

Death rate per 1,000 inhabitants, 17.7.

CASES OF CONTAGIOUS AND INFECTIOUS DISEASES.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Scarlet fever...	2	8	13	5	..	4	4	2	9	2	4	2	55
Diphtheria	8	3	16	5	4	8	..	1	4	10	7	7	73
Measles	9	5	17	5	1	3	..	..	..	1	..	..	41
Typhoid fever..	3	2	2	2	2	9	12	4	2	10	9	7	64

Respectfully submitted,

SUSAN J. SMALL, Clerk.

NEW BEDFORD, Jan. 1, 1905.

To the Board of Health : —

GENTLEMEN: — I hereby submit my report for the year 1904:

Manure pile nuisances,	9
Filthy ash piles and barrels,	7
Overflowing vaults and cesspools,	18
Dump pile nuisances,	6
Filthy yards and cellars,	11
Defective cow barns,	4
Defective vaults,	15
Defective plumbing,	9
Defective sink drains,	4
Clogged water closets and drains,	6
Privy nuisances,	8
Hen and pigeon nuisances,	4
Stagnant water,	2
Complaints from Cove beach,	6
Complaints from gas leaks,	3
Unlicensed swine,	3
Location of barns,	6
Location to build barns,	8
Location of privies,	12
Locations examined for keeping swine,	7
Dead animals under floors,	2
Number of houses placarded for contagious disease,	81
Rooms fumigated,	360
Complaints without cause,	22
Houses abandoned,	3
Notices served,	76
Notices served to abolish privy-vaults,	33

Respectfully submitted,

WM. E. MACOMBER,

Health Inspector.

NEW BEDFORD, Jan. 1, 1905.

To the Board of Health : —

GENTLEMEN:— I have the honor to submit the following report of the work performed by me as Inspector of Plumbing:

Number of permits issued,	558
Number of new buildings,	235
Number of old buildings,	323

Number of fixtures placed in buildings:

	New	Old
Sinks,	603	422
Water closets,	527	294
Wash bowls,	267	108
Bath tubs,	262	97
Wash trays,	33	20
Urinals,	1	4
Total number of fixtures,	1,693	995

Respectfully submitted,

LOUIS H. RICHARDSON,

Inspector of Plumbing.

NEW BEDFORD, Jan. 1, 1905.

To the Board of Health : —

GENTLEMEN: — I have the honor to submit the following report as Quarantine Physician for the year 1904:

Boarded 28 vessels arriving from foreign ports. One vessel, the Cabo de Verde, was quarantined as it had a suspicious case on board. Was released in three days, there being no developments.

Respectfully submitted,

J. T. BULLARD, M. D.

Quarantine Physician.

NEW BEDFORD, Jan. 1, 1905.

To the Board of Health : —

GENTLEMEN: — We herewith submit our report for the year 1904:

The average collection of garbage for the past year is 13,090,500 lbs. The number of dead animals was 350.

Yours respectfully,

NEW BEDFORD EXTRACTOR CO.

CHAS. S. WHEELWRIGHT, Mgr.

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
February 9, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
February 9, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT No. 8.

THE
ANNUAL FINANCIAL REPORTS
OF THE
CITY OF NEW BEDFORD
Massachusetts
FOR THE YEAR
1904

NEW BEDFORD :
THE A. E. COFFIN PRESS, CITY PRINTERS,
1905.



THE
AUDITOR'S ANNUAL REPORT

OF THE

Receipts and Expenditures

OF THE

CITY OF NEW BEDFORD,
Massachusetts,

FOR THE YEAR 1904.

CITY OF NEW BEDFORD,
OFFICE OF THE CITY AUDITOR,
April 13, 1905.

The Honorable, the City Council :

GENTLEMEN:—I have the honor to submit the annual report of the receipts and expenditures of the City of New Bedford for the financial year beginning on the seventh day of December, 1903, and ending on the fifth day of December, 1904; with a statement of the city debt, a schedule of the city property and the estimated value thereof, and other statements that have been deemed of interest.

Very respectfully,
CHARLES J. MCGURK,
City Auditor.

AUDITOR'S REPORT.

JAMES H. HATHAWAY, CITY TREASURER, IN ACCOUNT
WITH THE CITY OF NEW BEDFORD.

DR.

December 7, 1903. To balance of cash		\$126,880.66
Appropriations, general, taxes, 1904	\$990,894.27	
" " " 1903	46,977.46	
" " " 1902	17,384.28	
" special, bonds, 1904	104,596.00	
" " " 1903	37,185.11	
" " " 1902	162,814.89	
Armory dedication	.08	
Board of health	3.00	
Cemeteries	11,480.18	
Cemeteries, sale of lots	4,910.00	
Com. of Mass., C. 79 R. L., burial of soldiers	420.00	
" " " " military aid	1,712.38	
" " " " soldiers' relief	3.00	
" " " " state aid	12,386.85	
Department of wharves	3,726.54	
Fire department	771.54	
Free public library	22.50	
" " " dog fund	1,564.45	
Free public library, trustees of —		
James B. Congdon fund	30.00	
George O. Crocker fund	400.00	
Oliver Crocker, fund	60.00	
Geo. Howland, Jr. fund	96.00	
Sylvia Ann Howland fund	3,000.00	

Charles W. Morgan fund	60.00	
Charles L. Wood fund	80.00	
Highways and streets	31,445.22	
Incidentals	18.68	
New Bedford School Committee —		
Sylvia Ann Howland fund	3,000.00	
Jonathan Bourne prize fund	60.00	
New Bedford Water Works	143,205.25	
Park commission	19.25	
Police department	6,976.63	
Poor department	9,852.23	
Public debt	127,283.00	
Public schools dog fund	1,568.20	
" " incidentals	1.45	
Real estate tax account	65.66	
Sewers, general account	9,194.57	
" Manomet street	110.23	
Sinking funds	11,032.00	
Temporary loan	1,435,000.00	
Unappropriated funds,	163,570.54	3,342,981.40
		<u>\$3,469,862.06</u>

AUDITOR'S REPORT.

JAMES H. HATHAWAY, CITY TREASURER, IN ACCOUNT
WITH THE CITY OF NEW BEDFORD.

CR.

Addition to almshouse kitchen	\$892.89
Additional land, Rural cemetery	4,000.00
Armories and military property	2,976.27
Armory dedication	1,215.16
Board of assessors	7,890.33
Board of health	32,588.09
" " contagious diseases	2,133.04
Bulkhead, foot of Howland street	1,017.58
Cemeteries	81,308.72
Cemeteries, sale of lots	8,225.03
City property	6,423.15
" " polling place repairs	161.10
" " portable schools	106.00
" " special committee	1,472.55
Coggeshall street bridge	30.65
Com. of Mass., C. 79, R. L., burial of soldiers	455.00
" " " " military aid	4,085.42
" " " " soldiers' relief	15,067.01
" " " " state aid	12,353.50
Court judgments	1,851.00
Department of wharves	4,907.42
" " city wharf, extension	16,863.75
Dredging docks	788.54
Elections	6,993.84
Engineering department	10,257.26
Fire department	86,742.34

Fire station, Kempton and Reed streets, construction	16,578.90
Fire station, Kempton and Reed sts., drain	495.20
" " " " " plans, etc.	533.71
Free public library	13,017.84
" " " dog fund	2,814.89
Free public library, trustees of —	
James B. Congdon fund	152.51
George O. Crocker fund	427.21
Oliver Crocker fund	271.10
George Howland, Jr. fund	88.00
Sylvia Ann Howland fund	2,995.77
Charles W. Morgan fund	253.77
Charles L. Wood fund	290.14
Reading rooms fund	8.32
Highways and streets	244,665.75
Incidentals	75,851.11
" Fourth of July	75.00
" Memorial day	625.00
Isolation hospital, construction	27,724.00
" " heating, etc.	6,493.00
" " plans, etc.	1,283.17
" " weather strips	587.95
" " water service	826.67
Land damages, Fair street	1,000.00
" " Hope street	90.00
License commission	472.56
Lighting the streets	60,783.13
N. B. and Fairhaven bridge	3,239.17
New Bedford school committee —	
Howland fund	3,423.12
Bourne prize fund	60.00
New Bedford Water Works	158,359.53
Park commission	44,999.25
Police department	124,591.42
Poor department	75,029.12
Printing, binding and stationery	5,354.84
Public baths	1,393.78
Public debt	342,601.02
Public schools, dog fund	1,513.80
" " incidentals	73,072.46
" " pay of teachers	186,764.41
" " repairs of buildings	12,172.86

AUDITOR'S REPORT.

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Salaries of city officers	28,166.68	
Schoolhouse, County street, construction	11,875.78	
" South " "	26,737.82	
" " " plans, etc.	1,000.00	
Schoolhouse lot, South street	23,500.00	
Sewers, general account	23,374.35	
Sewer, Acushnet ave., No. 1	16.40	
" " " No. 2	170.21	
" " " No. 3	206.33	
" Belleville ave.	339.77	
" Coggeshall street, No. 1	1,162.82	
" Cottage street, No. 2	689.27	
" Hazard street	751.95	
" Maple street	1.63	
" Maitland street	329.74	
" Manomet street	19,696.23	
" Pearl street	392.65	
" Robeson street	604.72	
" Rodney street	785.98	
" Scott street	175.00	
" Shawmut ave., No. 3	869.69	
Sinking funds	131,587.00	
Temporary loan	1,408,000.00	
Textile school	7,000.00	\$3,433,217.86
City Treasurer, balance of cash		36,644.20
		<u>\$3,469,862.06</u>

Expenditures in Detail.

APPROPRIATIONS, GENERAL, 1904.

DR.

Armories and military property	\$1,000.00	
Board of assessors	7,400.00	
Board of health	30,000.00	
Cemeteries	10,000.00	
City property	7,000.00	
Coggeshall street bridge	200.00	
Com. of Mass., C. 79, R. L., military aid	1,700.00	
" " " " soldiers' relief	12,000.00	
Elections	4,500.00	
Engineering department	12,000.00	
Fire department	86,000.00	
Free public library	13,000.00	
Highways and streets	51,000.00	
Incidentals	40,000.00	
License commission	1,000.00	
Lighting the streets	61,000.00	
New Bedford Water Works	12,000.00	
Park commission	20,000 00	
Police department	113,000.00	
Poor department	55,000.00	
Printing, binding and stationery	3,000.00	
Public baths	1,000.00	
Public debt	222,831.00	
Public schools, incidentals	60,000.00	
" " pay of teachers	96,000 00	
" " repairs of buildings	12,300.00	
Salaries of city officers	28,248.00	
Sewers, general account	8,000.00	
Sinking funds	120,555.00	<u>\$1,089,734.00</u>

AUDITOR'S REPORT.

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CR.

Receipts as per Treasurer's reports	\$990,894.27	
December 5, 1904. Balance	98,839.73	<u>\$1,089,734.00</u>

DR.

December 5, 1904. To balance	<u>\$98,839.73</u>
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APPROPRIATIONS, GENERAL, 1903.**DR.**

December 7, 1903. To balance	<u>\$71,592.72</u>
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CR.

Receipts as per Treasurer's reports	\$46,977.46	
December 5, 1904. Balance	24,615.26	<u>\$71,592.72</u>

DR.

December 5, 1904. To balance	<u>\$24,615.26</u>
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APPROPRIATIONS, GENERAL, 1902.**DR.**

December 7, 1903. To balance	<u>\$22,497.07</u>
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CR.

Receipts as per Treasurer's reports	\$17,384.26	
Transfer to balance	5,112.81	<u>\$22,497.07</u>

APPROPRIATIONS, SPECIAL, 1904.

DR.

Board of health, contagious diseases	\$2,133.04	
Bulkhead, foot of Howland street	1,000.00	
Cemeteries	10,000.00	
Fire station, Kempton and Reed sts., drain	500.00	
" " " " " plans, etc.	533.71	
Highways and streets	169,000.00	
Isolation hospital, heating, etc.	8,942.00	
" " plans, etc.	1,283.17	
" " weather strips	587.95	
" " water service	826.67	
Land damages, Fair street	1,000.00	
" " Hope street	90.00	
New Bedford and Fairhaven bridge	3,000.00	
Park commission	25,000.00	
Poor department	14,000.00	
Public schools, incidentals	17,000.00	
" " pay of teachers	53,000.00	
Schoolhouse, County street, construction	68,439.00	
" " " heating, etc.	7,700.00	
" " " plans, etc.	2,664.87	
" South " construction	51,900.00	
" " " heating, etc.	5,133.00	
" " " plans, etc.	1,425.83	
Schoolhouse lot, South street	23,500.00	
Sewers, general account	8,500.00	
Sewer, Acushnet ave. No. 3	200.00	
" Belleville ave.	500.00	
" Coggeshall street, No. 1	2,501.00	
" " " No. 2	500.00	
" Maple street	1,500.00	
" Manomet street	25,000.00	
" Pearl street	500.00	
" Robeson street	800.00	
" Rodney street	1,401.00	
" Scott street	200.00	
Textile school	7,000.00	\$517,261.24

AUDITOR'S REPORT.

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CR.

Receipts as per Treasurer's reports	\$104,596.00
December 5, 1904. Balance	412,665.24
	<u>\$517,261.24</u>

DR.

December 5, 1904. To balance	<u>\$412,665.24</u>
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APPROPRIATIONS, SPECIAL, 1903.**DR.**

December 7, 1903. To balance	<u>\$284,691.83</u>
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CR.

Receipts as per Treasurer's reports	\$37,185.11	
By transfer from unappropriated funds	95,712.28	\$132,897.39
December 5, 1904. Balance		151,794.44
		<u>\$284,691.83</u>

DR.

December 5, 1904. To balance	<u>\$151,794.44</u>
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APPROPRIATIONS, SPECIAL, 1902.**DR.**

December 7, 1903. To balance	<u>\$22,814.89</u>
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CR.

Receipts as per Treasurer's reports	\$162,814.89	
December 5, 1904. Balance	60,000.00	\$222,814.89
		<u>\$222,814.89</u>

DR.

December 5, 1904. To balance	<u>\$60,000.00</u>
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ADDITION TO ALMSHOUSE KITCHEN.

DR.

Michael Goggin	\$392.89	
To transfer to balance	227.10	\$619.99

CR.

December 7, 1903. By balance	\$619.99
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ADDITIONAL LAND, RURAL CEMETERY.

DR.

H. T. Borden and Edgar Wright	\$3,500.00	
Lizzie A. Borden	500.00	\$4,000.00
December 5, 1904. To balance		250.00
		<u>\$4,250.00</u>

CR.

By transfer from unappropriated funds	\$4,250.00
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CR.

December 5, 1904. Balance	\$250.00
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ARMORIES AND MILITARY PROPERTY.

DR.

Battery E., First Regiment, M. V. M. :	
F. T. Akin & Co., paint supplies	\$4.57
F. T. Akin & Co., fuel	46.61
George J. Allen, stock and labor	1.15
F. S. Brightman Co., labels	10.10
F. B. Greene, agent, rent	400.00
F. B. Greene, agent, heating	136.00

AUDITOR'S REPORT.

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H. S. Hutchinson & Co., fitting pictures	65.96	
Edward K. McIntyre, labor	48.40	
N. B. Gas & Edison Light Co., lighting	207.35	
N. B. Gas & Edison Light Co., repairs	3.81	
Thomas Percy, carting	17.00	\$940.95

G. Company, Naval Reserves, M. V. M. :		
William W. Allen, gilding	12.00	
Babbitt, Wood & Co., graphite	1.00	
Edwin B. Bates, labor	56.90	
Blair Sign Co., signs	2.50	
Coggeshall, Maxfield & Co., fitting pipe	1.25	
John E. Craig, fuel	3.00	
A. B. Crowell, fitting pictures	32.98	
David Duff & Son, fuel	45.25	
S. B. Eldrige, stock and labor	10.00	
Charles A. Gray & Co., carting	12.00	
T. M. Hart & Co., boat findings	5.79	
H. S. Hutchinson & Co., stock and labor	8.00	
Kern & Wright, stock and labor	1.65	
N. B. Gas & Edison Light Co., lighting	280.56	
N. B. Gas & Edison Light Co., repairs	3.93	
Proprietors of Lewis Hall, rent	466.67	
Proprietors of Lewis Hall, repairs	150.00	
C. Henry Peirce, chair fitting	4.00	
William R. West, glazing	1.75	1,099 23

Rifle Range :

Babbitt, Wood & Co., stock and labor	23.73	
Blossom Brothers, stock and labor	23.80	
William P. Briggs, electric work	5.85	
John E. Craig, fuel	3.00	
De Wolf & Vincent, stove pipe	.25	
H. C. Ellis, labor	10.00	
T. M. Hart & Co., bolts and screws	.37	
Highways and streets, material and carting	268.88	
H. S. Hutchinson & Co., targets	61.25	
E. J. Miller, care of targets	5.00	
William Nelson, stock and labor	336.20	
C. R. Sherman & Son, electric work	153.45	
James Vera, labor	4.40	896.18

Miscellaneous :

Blossom Brothers, stock and labor	3.74	
Greene & Wood, lumber	33.17	
Kirby & Hicks, carriage hire	3.00	39.91

\$2,976.27

To transfer to balance

23.73\$3,000 00

CR.

By appropriation	\$1,000 00	
By transfers from unappropriated funds	2,000.00	\$3,000.00

ARMORY DEDICATION.

DR.

F. T. Akin, wax	.50	
E. Anthony & Sons, advertising and printing	32.54	
Blossom Bros., stock and labor	190 25	
A. T. Brownell, entertainment	51.00	
Dartmouth & Westport St. Railway Co., special car	49.00	
Kirby & Hicks, carriage hire	30.00	
George E. Macomber, refreshments	222.65	
Mercury Publishing Co., advertising	13 67	
N. B. Gas & Edison Light Co., labor and lighting	205.00	
Sherman & Perry, carriage hire	66.00	
James Slater, decorating	250.00	
Times Newspaper Co., advertising	4.20	
Geo. E. White, labor	4.00	
Wamsutta Club, entertainment	96.35	\$1,215.16

CR.

By transfers from unappropriated funds	\$1,215.10	
Receipts as per Treasurer's reports	.06	\$1,215.16

BOARD OF ASSESSORS.

DR.

Clerical help :

Pay rolls		\$5,552.50
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Carriage hire, tickets, etc. :

J. H. Finnell	\$30.00	
E. R. Gravel	11.00	
Henry Lomba	11.00	
C. H. Murphy & Son	36.00	
N. Y., N. H. & H. R. R. Co.	80.00	
W. H. & L. F. Pierce	16.00	
A. A. Sylvia	13.00	
David Warren	11.00	208.00

Stationery and supplies :

F. P. Bridges & Co.	3.00	
John Duff, P. M.	28.00	
F. S. Brightman Co.	109.23	
W. A. Greenough & Co.	8.00	
Library Bureau	5.43	
Lyons Pen Co.	6.00	
Mortimer Searles	.55	
Carl Strauss	2.06	
R. W. Taber	20.70	
F. W. Webster Co.	4.50	
F. E. Wood	2.50	189.97

Printing, binding and advertising :

E. Anthony & Sons, incorporated	32.55	
Mercury Publishing Co.	874.79	
Sullivan & Markey	189.84	1,097.18

Miscellaneous :

F. T. Akin & Co., brush, etc.	.75
Almy & Hitch, awnings	18 00
Automatic Telephone Co.	60.25
W. F. Bannon, chairman, expenses of board	105.88
Bliss & Nye, supplies	6.87
Wm. Cronin & Co., plat-sheet cases	6.50
C. S. & B. Cummings, soap, matches, etc.	6.05
Hammond Typewriter Co., supplies	.40

AUDITOR'S REPORT.

Haskell & Tripp, gimp and tacks	.66	
Hatch & Co., express	3.75	
J. V. Spare Dry Goods Co., cheese cloth	2.25	
W. G. Lamb, labor	1.93	
T. J. Moriarty, stock and labor	2.07	
N. B. Furniture Co., linoleum	30.70	
N. B. Gas & Edison Light Co.	.65	
W. M. Olin, secretary, postage	.50	
A. P. Pope, labor	6.90	
Progress Publishing Co., book	1.00	
Review & Record Co., subscription	10.00	
C. R. Sherman & Son, keys	.50	
E. B. Sherman & Co., meals	9.90	
Southern Mass. Tel. Co., service	56.63	
C. F. Wing, curtains and labor	4.45	
Wood, Brightman & Co., mantles and chimneys	4.80	
E. E. Wright, soap	1.20	342.59
		<hr/>
		\$7,390.33
To transfer to balance		9.67
		<hr/>
		\$7,400.00
		<hr/>
CR.		
By appropriation		\$7,400.00
		<hr/>

BOARD OF HEALTH.

DR.

Advertising :		
E. Anthony & Sons	\$12.96	
Archambeault Brothers	2.50	
Bartholo & Co.	2.10	
L'Independant Publishing Co.	1.15	
Mercury Publishing Co.	3.29	\$22.00
Chemical and medical supplies :		
Frank M. Douglass	303.10	
H. K. Mulford Co.	32.55	
Red Cross Chemical Co.	6.00	341.65

AUDITOR'S ACCOUNT.

19

Garbage disposal :

N. B. Extractor Co.	6,375.00	
N. B. Product Co.	19,125.00	25,500.00

Printing, binding and stationery :

F. S. Brightman Co.	4.50	
A. E. Coffin Press	84.99	
W. H. Collins & Co	49.00	
H. S. Hutchinson & Co.	4.12	
Sullivan & Markey	5 50	
Robert W. Taber	30.61	178.72

Salaries :

Charles F. Connor, M. D., bacteriologist	500.00	
Frederick C. Graves, M. D., school inspector	100.00	
William E. Macomber, health officer	1,010.25	
Augustus H. Mandell, M. D., school inspector	100.00	
Alphonse Normandin, M. D., medical inspector	500.00	
Louis H. Richardson, plumbing inspector	1,400.00	
Susan J. Small, clerk	750.00	
Joseph P. St. Germain, M. D., school inspector	100.00	
J. Frank Weeks, school inspector	100.00	4,560.25

Miscellaneous :

Almy & Hitch, awning repairs-	.75	
Bates & Kirby, office rent	644.00	
Bausch & Lomb Optical Co., glass slides	.83	
Bliss & Nye, glass ware	.50	
William P. Briggs, stock and labor	1.50	
George Brown, services	47.50	
William H. Caswell, stock and labor	2.25	
Chadwick & Co., groceries	37.27	
City Treasurer, cash for stamps	35 00	
Coggeshall, Maxfield & Co., plumbing	4.20	
O. E. Covell, carriage hire	3.50	
Anna W. Croacher, M. D , vaccinations	402.00	
William Deacon, services as examiner	49.50	
William Deacon, services as inspector	62.76	
De Wolf & Vincent, hardware and tools	3.77	

Robert N. B. Doane, services	41.95	
C. A. Gray & Co., freight and carting	.50	
W. A. Greenough & Co., directory	4.00	
Handy Telephone Index Co., indexes	2.00	
Hatch & Co., express charges	10.40	
George P. Healy, labor	2.25	
A. H. Hews & Co., sputem boxes	7.59	
Highways and streets, carting	2.83	
Kirby & Hicks, carriage hire	17.00	
Knight & Thomas, fire extinguishers	17.50	
S. C. Lowe Supply Co., automobile hire	15.00	
William E. Macomber, services as janitor	100.00	
A. D. McMullen, carting	10.70	
Mercury Publishing Co., subscription	6.00	
Lewis S. Moore, cleaning	7.23	
N. B. Gas & Edison Light Co., labor and sundries	1.80	
N. B. Gas & Edison Light Co., lighting	9.83	
N. B. Ice Co., ice	7.57	
N. B. Steam Carpet Beating Establishment, cleaning carpets	7.70	
N. B. Towboat Co., transportation	169.00	
N. Y., N. H. & H. R. R. Co., mileage	20.00	
Rankin & Harding, labor	.30	
William H. Rankin, fixture	.40	
Louis H. Richardson, inspector, car tickets	60.00	
Ruggles & Ellison, cotton cloth	3.12	
C. R. Sherman & Son, stock and labor	1.25	
So. Mass. Telephone Co., service and tolls	88.99	
Nat. P. Sowle, ladder and hook	3.17	
Standard Turning Works, sputem boxes	27.50	
State Board of Health, culture outfit	1.00	
Nellie Sumner, clerical services	21.67	
Union Street Railway, car tickets	15.00	
Henry F. West, boat hire	4.50	
Western Union Telegraph Co., telegrams	1.50	
F. A. Winchester, map	.98	1,985 47
		<u>\$32,588.09</u>

CR.

By appropriation	\$30,000.90	
Receipts as per Treasurer's reports	3.00	\$30,003.00
By transfer to balance		2,585.09
		<u>\$32,588.09</u>

BOARD OF HEALTH, CONTAGIOUS DISEASES.

DR.

Bedding and furniture :			
Household Furnishing Co.	\$16.00		
George Moore	5.75	\$21.75	
Chemical and medical supplies :			
C. T. Bosworth & Co.	.25		
Frank M. Douglass	59.55		
Town of Wellfleet	5.70	65.50	
Clothing and furnishings :			
Ashley & Peirce	74.79		
Nichols & Damon	18.50		
Ruggles & Ellison	72.17		
Samuel Whitehead	2.00	167.46	
Fuel :			
F. T. Akin & Co.	14.00		
John N. O'Brien	28.50	42.50	
Groceries :			
Ashton Brothers	2.88		
Charles H. Brownell & Son	68.67		
A. M. Burns	30.42		
Cushman Brothers	16.00		
A. E. Perry & Co.	56.21		
H. Senesac	50.08		
F. X. Turgeon	58.20	282.46	
Hospital furnishings and supplies :			
F. T. Akin & Co.	1.87		
Chadwick & Co.	129.37		
C. G. & G. A. Randall	4.09		
R. W. Taber	.88	136.21	
Labor and nursing :			
George Brown	146.58		
George P. Healey	136.32		
W. H. Pierson	21.38	304.28	

Physicians fees :

Edmond F. Cody, M. D.	71.00	
Town of Wellfleet	10.50	81.50

Rents :

E. B. Jourdain, agent	8.60	
John H. Rudge	8.25	
Amelia Sears	7.20	
Joseph P. Sylvia	12.54	
Felix Tetrault	12.33	48.92

Miscellaneous :

City of Boston, board	212.00	
David A. Cobb, stock and labor	19.50	
O. E. Covell, carriage	40.00	
John W. Holmes, sundries	4.25	
Police department, services	567.00	
Allen Smith, Jr., use of horse	2.00	
So. Mass. Telephone Co., service	10.19	
Town of Becket, board	127.52	982.46
		<u>\$2,133.04</u>

Cr.

By special appropriations	<u>\$2,133.04</u>
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BULKHEAD, FOOT OF HOWLAND STREET.

Dr.

Pay rolls		\$433.00
E. Anthony & Sons, advertising	.84	
Highways and streets, stock, labor and teaming	5.67	
Taylor Brothers, material	578.07	584.58
		<u>\$1,017.58</u>

Cr.

By special appropriation	\$1,000.00
By transfer to balance	17.58
	<u>\$1,017.58</u>

CEMETERY BOARD.

DR.

Pay rolls :

Oak Grove cemetery	\$8,989.12	
Pine Grove cemetery	1,970.35	
Rural cemetery	10,346.20	
Office	520.00	\$21,825.67

Advertising, printing and stationery :

E. Anthony & Sons	6.60	
F. S. Brightman Co.	47.90	
A. E. Coffin Press	292.99	
H. S. Hutchinson & Co.	2.86	
Mercury Publishing Co.	4.61	
N. B. Printing Co.	34.75	
F. H. Purrington	23.75	
Suffolk Engraving and Electrotyping Co.	16.64	
Sullivan & Markey	34.00	
Robert W. Taber	24.79	488.89

Cinders, loam and sod :

Henry T. Bulman	19.50	
James Burke	3.00	
William P. Butler	15.93	
Patrick Connors	99.00	
William H. Davis	80.79	
James Duddy	2.00	
David Duff & Son	50.00	
Arthur Dumaine	40.00	
David Ferguson	121.00	
Napoleon Gregoire	31.00	
Highways and streets	21.24	
J. W. Manchester	14.52	
John A. Smith	3.50	
Benjamin F. Watkins	71.50	
Edgar Wright	26.00	598.98

Dressing :

James Burke	45.25
John Connors	83.98
Patrick Connors	122.65

Eugene G. Crapo	14.00	
James Duddy	23.00	
David Duff & Son	319.49	
H. J. Fredctte	50.40	
Thomas Hersom & Co.	21.00	
Russell H. Lawton	11.53	
N. B. Teaming Co.	151.73	
E. L. Potter	34.06	
Joseph L. Sylvia	74.62	
A. A. Tripp	27.33	
Charles W. Wordell estate	6.10	
Edgar Wright	55.62	1,040.76

Hardware, tools and fitting :

Bliss & Nye	.40	
William P. Butler	63.01	
Walter F. Chase	2.60	
Eugene H. Cornell	2.00	
De Wolf & Vincent	53.30	
H. L. Donaghy	23.17	
C. L. Dunham	63.60	
Jonathan Handy Co.	4.74	
N. P. Hayes	188.68	
Hillman, Washburn & Co.	26.43	
Perry P. Jenney & Son	37.95	
S. C. Lowe Supply Co.	22.50	
E. D. Mosher	40.75	
C. W. H. Moulton & Co.	25.20	
D. F. Murphy	11.10	
E. L. Potter	1.55	
George W. Randall	8.85	
George B. Stafford	1.56	
Julius C. Sylvia	46.28	
E. C. Taber	6.95	630.62

Plants, seeds and shrubs :

Bobbink & Atkins	9.28	
R. & J. Farquhar & Co.	2.68	
J. Frank Kirk	8.00	
A. J. Simmons	1.50	
E. C. Taber	18.50	
A. H. Wordell	42.65	82.61

AUDITOR'S REPORT.

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Salaries :

Charles F. Cornell, superintendent	1,200.00	
Pardon A. Macomber, clerk	942.00	
Nelson L. Pike, sexton	720.00	
Hurlbert E. Thomas, sexton	720 00	3,582.00

Stock and labor :

F. T. Akin & Co.	5.10	
W. F. Desmond	329.45	
C. L. Dunham	38.55	
Horace A. Fitch	34.95	
F. B. Hathaway	412.86	
S. C. Lowe Supply Co.	9.28	
N. B. Gas & Edison Light Co.	2.40	
N. B. Water Works	23.85	
E. F. Penney	5.50	
Alphonse Ricard	93.75	
C. R. Sherman & Son	1.85	
Augustus Simpson	3.00	
Charles H. Vinal	32.20	
William R. West	5.75	
William T. Wilcox	5.00	1,002.49

Supplies :

William P. Butler	15.53
W. H. Caswell	4.00
De Wolf & Vincent	33.75
David Duff & Son	146.75
C. L. Dunham	6.95
George A. Eggers	42.00
R. & J. Farquhar & Co.	2.50
Thomas H. Fuller	.50
T. M. Hart & Co.	.24
C. E. Higham	24.80
Highways and streets	8.70
George Kirby, Jr., & Co.	33.28
C. H. & H. A. Lawton Co.	1.00
S. C. Lowe Supply Co.	.80
N. B. Ice Co.	26.16
N. B. Rubber Co.	10.40
William F. Nye	.40
S. S. Paine & Brother	294.55
Charles S. Paisler	166.37

AUDITOR'S REPORT.

A. W. Perkins & Co.	70.88	
W. A. Robinson & Co.	17.25	
William F. Sturtevant	.85	
E. C. Taber	2.60	
William R. West	6.11	
George F. Wilbur	4.00	
Charles F. Wing	1.00	921.37
Miscellaneous :		
Albright & Lightcap, markers	19.12	
James T. Almy, repairs	.95	
Automatic Telephone Co., rentals	61.00	
Willirm P. Briggs, badges	5.40	
L. C. Capen, boughs	4.30	
Sarah A. Chisholm, fixing lot	1.00	
George A. Cobb, clearing paths	12.00	
D. Herbert Cook, labor	30.00	
A. S. Crosby, boughs	13.00	
James Duddy, carting	7.00	
Charles A. Gray & Co., carting	27.70	
W. A. Greenough & Co., directories	12.00	
Hatch & Co., express charges	2.25	
A. H. Hews & Co., pottery	10.00	
H. S. Hutchinson & Co., mounting plan	.75	
Library Bureau, cabinet	70.00	
Pardon A. Macomber, clerk, disbursements	130.80	
Merchants National Bank, office rent	300.00	
National Burial Device Co., apparatus	7.87	
N. B. Gas & Edison Light Co., lighting	14.86	
N. Y., N. H. & H. R. R. Co., freight	.25	
George H. Pitman, services	23.46	
S. T. Rex, services	3.70	
Sanders & Barrows Clothing Co., uniform	2.50	
Mortimer Searles, stamps and pads	2.75	
Sherman & Perry, carriage hire	17.00	
So. Mass. Telephone Co., service and tolls	74.67	
Charles H. Thomas, care of lots	12.00	
Edward M. Tilton, care of lot	2.00	
Union Street Railway Co., car tickets	255.00	
Weston C. Vaughan, Jr., boxes	12.00	1,135.33
		<hr/> \$31,308.72
To transfer to balance		171.46
		<hr/> \$31,480.18

AUDITOR'S REPORT.

27

CR.

By appropriation	\$10,000.00	
By special appropriation	10,000.00	
Receipts as per Treasurer's reports	11,480.18	<u>\$31,480.18</u>

CEMETERIES, SALE OF LOTS.

DR.

Cinders, loam and sod :

John Bertram & Son	\$31.00	
James Burke	119.00	
John Connors	168.00	
Hugh L. Donaghy	35.50	
David Ferguson	94.00	
A. W. Perkins & Co.	8.77	
John A. Smith	145.50	
Edgar Wright	43.00	<u>\$644.77</u>

Dressing :

James Burke	49.91	<u>49 91</u>
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Plants, seeds and shrubs :

Bobbink & Atkins	32.45	
R. & J. Farquhar & Co.	1.34	
Charles R. Fish & Co.	42.00	
Providence Seed Co.	7.30	<u>83.09</u>

Stock and labor :

F. T. Akin & Co.	42.67	
C. L. Dunham	70.75	
George E. Hatch	11.24	
D. L. Hathaway & Son	422.69	
L. J. Hathaway	45.72	
N. B. Boiler & Machine Co.	124.15	
N. B. Foundry & Machine Co.	24.90	
Herbert L. Weeks	71.57	<u>813.69</u>

Supplies :

W. F. Desmond	288.12	
W. R. West	16.70	<u>304.82</u>

AUDITOR'S REPORT.**Miscellaneous :**

Albright & Lightcap, markers	25.70	
Denison Brothers Co., fuel	150.65	
Flint & Walling Mfg. Co., wind mill	376.50	
John Foley, cap stones	48.00	
A. H. Hews & Co., pottery	25.50	
S. C. Lowe Supply Co., hose	25.90	
A. W. Perkins & Co., concrete	300.00	
Myles Standish, adm'r, tomb	166.50	
Herbert L. Weeks, gas engine	210.00	1,328 75
		<hr/>
		3,225.03
To transfer to unappropriated funds		4,250.00
December 5, 1904. To balance		1,894.70
		<hr/>
		\$9,369.73

CR.

December 7, 1903. By balance	\$4,459.73
Receipts as per Treasurer's reports	4,910.00
	<hr/>
	\$9,369.73

CR.

December 5, 1904. Balance	<hr/>
	\$1,894.70

CEMETERY FUNDS.**CR.**

December 5, 1904. Balance	<hr/>
	\$26,734.93

CITY PROPERTY.**DR.****Advertising :**

E. Anthony & Sons	\$82.68	
Mercury Publishing Co.	65.04	147.72

AUDITOR'S REPORT.

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Alms-house :

T. W. Croacher	280.07	
Gilman E. Hook	53.12	
John N. Morris	503.60	
Edward Murphy	378.91	
John V. O'Neil	32.05	1,247.75

City clock :

F. F. Dumas	42.10	42.10
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City Hall :

F. T. Akin & Co.	6.95	
George J. Allen & Co.	9.15	
W. P. Briggs	.25	
F. T. Brightman Co.	127.50	
Chamberlain Metal Weather Strip Co.	10.30	
D. Herbert Cook	16.33	
George J. Dodge	292.35	
E. M. Durfee	1.30	
E. S. Haskell	1.75	
Thomas Hersom & Co.	.25	
Highways and streets	48.30	
George H. McCarthy	18.42	
N. B. Boiler & Machine Co.	19.35	
N. B. Gas & Edison Light Co.	4.05	
C. R. Parker	27.61	
W. H. Rankin	.20	
W. F. Sturtevant	3.94	
James H. Warren	75.00	663.00

Fire stations :

George J. Dodge	56.95	
Johnson & Howland	20.00	
George H. McCarthy	2.67	
N. B. Water Works	6.40	85.42

Isolation Hospital :

W. P. Briggs	80.00	
T. W. Croacher	23.25	
David Duff & Son	226.01	
Horace A. Fitch	12.00	
C. Hammond & Son	88.37	
Thomas Hersom & Co.	3.20	

James F. Hoye	12.00	
John N. Morris	110.80	
N. B. Water Works	71.26	
John V. O'Neil	266.00	
James W. Welch	468.00	1 360 89

Library building :

F. T. Akin & Co.	35.41	
George J. Allen & Co.	2.41	
W. P. Briggs	55.64	
W. H. Caswell	.45	
Chamberlain Metal Weather Strip Co.	4.15	
D. Herbert Cook	30.19	
Samuel H. Cook	50.00	
De Wolf & Vincent	1.50	
George J. Dodge	237.14	
E. M. Durfee	1.57	
George S. Frawley	34.34	
George E. Hatch	2.50	
James Henson	22.50	
Thomas Hersom & Co.	.45	
Highways and streets	42.05	
Elmer A. Jenkins	102.85	
Clarence G. Lamb	22.50	
George H. McCarthy	96.57	
N. B. Boiler & Machine Co.	7.04	
N. B. Gas & Edison Light Co.	14.04	
William P. Peirce	297.19	
A. P. Pope & Co.	123.13	
Rankin & Arnold	5.64	
W. H. Rankin	6.62	
Slocum & Kilburn	.10	
F. R. Slocum Co.	.90	
W. F. Sturtevant	8.94	
W. R. West	89.81	
Fred G. Whitty	22.50	
Wood, Brightman & Co.	7.01	1,325.14

Police stations :

George J. Dodge	445.43
C. L. Dunham	10.57
George S. Frawley	61.59
F. A. Kempton heirs	25.00

AUDITOR'S REPORT.

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George H. McCarthy	30.10	
Edward Murphy	8.85	
A. W. Perkins & Co.	56.35	
W. H. Rankin	7.85	645.74
School buildings :		
George J. Dodge	383.02	
Highways and streets	66.66	449.68
Ward rooms :		
W. P. Briggs	6.50	
George Clarkson	9.60	
George J. Dodge	21.14	
Highways and streets	8.16	
David Kempton, 2nd, heirs	75.00	
E. F. Penney	34.83	
Francis Thorley	31.61	186.84
Wood yard :		
George J. Dodge	12.21	12.21
Miscellaneous :		
Sewer, Belleville road, assessment	71.20	
Sewer, Bowditch and Collette sts., assessment	91.91	
Sewer, Phillips ave., assessment	67.55	
Sherman & Perry, carriage hire	26.00	256.66
		<u>\$6,423.15</u>
To transfer to balance		926.85
		<u>\$7,350.00</u>

CR.

By appropriation	\$7,000.00
By transfer from "Isolation Hospital, heating and ventilating"	350.00
	<u>\$7,350.00</u>

CITY PROPERTY, POLLING PLACE REPAIRS.

DR.

Thomas Aspin, stock and labor	\$76.00	
George J. Dodge, roofing	75.00	
Edward Murphy, stock and labor	10.10	\$161.10
To transfer to balance		38.90
		<u>\$200.00</u>

CR.

December 7, 1903. By balance	<u>\$200.00</u>
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CITY PROPERTY, PORTABLE SCHOOLS.

DR.

James F. Hoye, insurance	\$6.00	
Francis Thorley, contractor	100.00	\$106.00
To transfer to balance		1,070.57
		<u>\$1,176.57</u>

CR.

December 7, 1903. By balance	<u>\$1,176.57</u>
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CITY PROPERTY, SPECIAL COMMITTEE ON
NEW HIGH SCHOOL.

DR.

C. S. Ashley, chairman, expenses	\$175.00	
W. E. Hatch, secretary, disbursements	1,272.80	
Ada W. Tillinghast, expenses	24.75	\$1,472.55
To transfer to balance		6.50
		<u>\$1,479.05</u>

CR.

December 7, 1903. By balance	<u>\$1,479.05</u>
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COGGESHALL STREET BRIDGE.

DR.

Pay rolls	\$27.27
Highways and streets, stock, labor and teaming	3.38
	\$30.65
To transfer to balance	169.35
	<u>\$200.00</u>

CR.

By appropriation	\$200.00
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COMMONWEALTH OF MASSACHUSETTS, CHAPTER 79, REVISED LAWS, BURIAL OF SOLDIERS.

DR.

December 7, 1903. To balance		\$266.75
Robert G. Bennett	\$140.00	
John E. Moriarty	70.00	
Weston C. Vaughan, Jr.	105.00	
Henry P. Wilson	140.00	455.00
		<u>\$721.75</u>

CR.

Receipts as per Treasurer's reports	\$420.00	
December 5, 1904. Balance	301.75	<u>\$721.75</u>

DR.

December 5, 1904. To balance	\$301.75
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COMMONWEALTH OF MASSACHUSETTS,
CHAPTER 79, REVISED LAWS, MILITARY AID.

DR.

December 7, 1903. To balance	\$1,653.95
Disbursements by City Treasurer	4,085.42
	<u>\$5,739.37</u>

CR.

By appropriation	\$1,700.00	
Receipts as per Treasurer's	1,712.38	\$3,412.38
December 5, 1904. Balance		2,326.99
		<u>\$5,739.37</u>

DR.

December 5, 1904. To balance	\$2,326.99
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COMMONWEALTH OF MASSACHUSETTS, CHAP-
TER 79, REVISED LAWS, SOLDIERS' RELIEF.

DR.

Acushnet Co-operative Association, groceries	\$33.00
W. F. Barker, groceries	27.00
H. A. Blackmer, crutches and silk stockings	5.50
H. T. Borden & Co., fuel	4.00
Boston Beef Co., provisions	636.00
C. H. Brownell & Son, groceries	381.00
C. W. Chase, groceries	3.00
City Treasurer, cash disbursements	12,603.33
Denison Bros. Co., fuel	592.45
Driscoll, Church & Hall, groceries	69.00
D. B. Folger, groceries	144.00
Wm. H. Humphrey, groceries	6.00
G. F. Lewis, M. D., services	79.00
W. F. Potter & Co., groceries	12.00

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Elmer E. Robbins, M. D., services	190.00	
Sanders & Barrows Clothing Co., clothing	23.00	
Wm. C. Sheehy, M. D., services	56.00	
A. C. Spooner, expenses	3.00	
State Aid, transfer	74.85	
M. C. Swift & Son, clothing	3.50	
Taunton Insane Hospital, board	79.23	
D. K. Tripp, groceries	33.00	
Union Boot & Shoe Co., shoes	9.15	\$15,067.01

CR.

By appropriation	\$12,000.00	
By transfer from unappropriated funds	3,000.00	
Receipts as per Treasurer's reports	3.00	\$15,003.00
By transfer to balance		64.01
		<u>\$15,067.01</u>

COMMONWEALTH OF MASSACHUSETTS, CHAPTER 79, REVISED LAWS, STATE AID.

DR.

December 7, 1903. To balance	\$11,345.38	
Disbursements as per Treasurer's reports	12,353.50	\$23,698.88

CR.

Receipts as per Treasurer's reports	\$12,386.85	
December 5, 1904. Balance	11,312.03	<u>\$23,698.88</u>

DR.

December 5, 1904. To balance	\$11,312.03	
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COURT JUDGMENTS.

DR.

John Ashton	\$500.00	
John T. Champion	366.00	
Mary L. Doull	290.00	
Lottie Marsden	200.00	
Paul Phaneuf	495.00	\$1,851.00

CR.

By transfer to balance	\$1,851.00
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DEPARTMENT OF WHARVES.

DR.

E. Anthony & Sons, advertising	\$7.62	
Bliss & Nye, sundries	1.63	
Commissioners of Sinking Funds	1,040.00	
DeWolf & Vincent, ladder and wrench	7.80	
George J. Dodge, stock and labor	5.09	
Joseph Donaghy, wharfinger	268.43	
Highways and streets, carting and labor	19.63	
Joseph S. Lewis, Jr, stock and labor	5.83	
A. D. McMullen, carting	2.00	
Mercury Publishing Co., advertising	6.34	
N. B. Gas & Edison Light Co., lighting	3.54	
N. B. Teaming Co., ashes	31.50	
N. B. Water Works, metered water	35.02	
Public Debt, interest	3,230.00	
Manuel J. Senna, services	131.67	
John B. Sherman, stock and labor	45.12	
F. R. Slocum Co.	14.80	
Wood, Brightman & Co, labor	1.85	\$4,907.42
December 5, 1904. To balance		453.00
		<u>\$5,360.42</u>

AUDITOR'S REPORT.

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CR.

December 7, 1903. By balance	\$1,633.88	
Receipts as per Treasurer's reports	3,726.54	<u>\$5,360.42</u>

CR.

December 5, 1904. Balance		<u>\$453.00</u>
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DEPARTMENT OF WHARVES, CITY WHARF EXTENSION AND IMPROVEMENT.

DR.

Pay rolls		\$145.79
E. Anthony & Sons, advertising	\$13.87	
Charles M. Cole, contractor, dredging	2,447.85	
Charles E. Davis, contractor, piles and wall	4,469.92	
Charles E. Davis, laying stone	45.60	
Z. B. Davis, contractor, shed	8,527.98	
Department of Wharves, advance payments	300.00	
David Duff & Son, gravel, labor and teaming	368.50	
Greene & Wood, timber	5.82	
F. B. Hathaway, moving building	10.00	
Highways and streets, carting and labor	32.73	
Mercury Publishing Co., advertising	10.50	
N. B. Boiler & Machine Co., labor	10.38	
N. B. Teaming Co., ashes and carting	58.50	
N. B. Water Works, stock and labor	211.81	
James L. Sherman, lumber	26.75	
John B. Sullivan & Son, stone	38.64	
Western Union Telegraph Co., message	.35	
Whitlow Corp., contractor	114.94	
Wood, Brightman & Co., iron pipe	23.82	<u>16,717.96</u>
		<u>\$16,863.75</u>
December 5, 1904. To balance		<u>4,050.86</u>
		<u>\$20,914.61</u>

CR.

December 7, 1903. By balance	<u>\$20,914.61</u>
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AUDITOR'S REPORT.

CR.

December 5, 1904.	Balance		\$4,050.86
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DREDGING DOCKS.

DR.

Charles M. Cole, dredging	\$788.54	
To transfer to balance	.52	\$789.06

CR.

December 7, 1903.	By balance	\$789.06
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ELECTIONS.

DR.

Advertising :

E. Anthony & Sons	\$435.77	
Archambeault Brothers	210.60	
Bartholo & Co.	189.00	
Catholic Union Publishing Co.	304.25	
L'Independant Publishing Co.	263.49	
Mercury Publishing Co.	340.89	
O'Correio Portuguez	142.25	
Times Newspaper Co.	270.70	\$2,156.95

Carriage hire :

Isaac L. Ashley	12.00	
Charles R. Cornell	9.00	
Kirby & Hicks	36.50	
C. H. Murphy & Son	12.00	
W. H. & L. F. Peirce	3.00	
E. G. Reynold	12.00	
W. D. Richards	6.00	
Sherman & Perry	6.00	
T. S. Swift	15.00	
A. A. Sylvia	12.00	
David Warren	12.00	135.50

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Clerical services :

Charles T. Heron	15.00	
George W. Parker	31.00	
R. A. Swan	15.00	
Channing Wilde	15.00	76.00

Fitting polling places :

Lincoln Douglass	3.93	
Charles L. Faunce	60.89	
Patrick Featherstone	21.50	
Horace A. Fitch	54.89	
C. B. Piper	22.00	
A. P. Pope & Co.	62.85	
Joseph Sullevy	10.63	286.69

Pay of precinct officers :

Primary election	598.00	
State election	639.00	
Municipal election	630.00	1,867.00

Printing, binding and stationery :

Dissell Publishing Co.	6.00	
W. A. Greenough & Co.	9.00	
Mercury Publishing Co.	1,968.21	
Sullivan & Markey	13.25	
Robert W. Taber	10.88	2,005.34

Refreshments :

A. T. Brownell	35.95	
E. B. Sherman & Co.	9.50	
F. H. Winship	14.70	60.15

Rents :

Dawson & Son	100.00	
Lester I. Jenkins	50.00	
Spruce Street Church	50.00	200.00

Miscellaneous :

Coffin Brothers, boxes	62.40	
Patrick Connors, fuel	.80	
John A. Gomley, carting	32.00	
George E. Hatch, use of stove	2.50	
Highways and streets, carting	.30	

AUDITOR'S REPORT.

A. W. Holmes, fuel	2.50	
S. C. Lowe Supply Co., iron posters	37.10	
N. B. Gas & Edison Light Co., labor and lighting	14.90	
John Notter, fuel	3.83	
E. F. Penney, use of stoves	12.00	
C. B. Piper, services	43.75	
D. M. Piper, services	11.00	
R. R. Robson, ballot box fitting	21.00	
Mortimer Searles, stamps and pads	5.55	
F. R. Slocum Co., rent of furniture	.75	
So. Mass. Telephone Co., service	5.83	256.21
		<u>\$6,993.84</u>

CR.

By appropriation	\$4,500.00
To transfer to balance	2,493.84
	<u>\$6,993.84</u>

ENGINEERING DEPARTMENT.

DR.

Pay rolls	\$8,418.40
F. T. Akin & Co., labor and material	\$3.87
Almy & Hitch, labor	1.75
E. Anthony & Sons, paper	1.50
Bliss & Nye, gas fixture	1.00
Board of Harbor and Land Commissioners, atlas	5.00
Charles O. Brightman, stock and labor	15.94
F. S. Brightman Co., stationery	53.19
Church & Hammond, vaseline	.25
Coffin Brothers, pasteboard	1.20
A. E. Coffin Press, printing	41.10
W. H. Collins & Co., binding, blanks and books	68.50
A. B. Crowell, mounting maps	1.05
C. S. & B. Cummings, sundries	1.40

Annie T. Desmond, services	5.00
James S. Dick, cotton cloth	.50
David Duff & Son, freight and carting	1.83
John Duff, P. M., stamps	10.60
Draper Mfg. Co., supplies	4.25
Julien P. Fries, blank forms	2.31
Frost & Adams Co., crayon and paper	7.48
Harriet H. Gilman, rent and lighting	752.83
Globe-Wernicke Co., cards and cases	23.00
Greene & Wood, stubs	5.25
W. A. Greenough & Co., directory	4.00
T. M. Hart & Co., supplies	.92
Haskell & Tripp, cotton cloth	.50
Hatch & Co., express charges	10.05
D. L. Hathaway & Son, stock and labor	8.23
N. P. Hayes, hardware and tools	10.97
Highways and streets, labor	1.38
Hillman, Washburn & Co., tools	.63
H. L. Hutchinson & Co., stationery supplies	1.78
Perry P. Jenney, repairs	.61
W. L. Kelley, repair of instruments	27.50
Kern & Wright, labor and material	1.55
Keuffel & Esser Co., drawing material and instruments	60.46
Library Bureau, index cards	14.62
Edward F. Miller, testing	15.00
James B. Moody, repairs	2.05
Charles E. Moss, print paper	62.16
N. B. Boiler & Machine Co., stock and labor	.98
N. B. Ice Co., ice	37.16
N. B. Gas & Edison Light Co., lighting	4.31
N. B. Steam Laundry Co., laundry	4.05
N. Y., N. H. & H. R. R. Co., freight	.97
N. Y., N. H. & H. R. R. Co., mileage	90.00
George H. Nye, photographs	2.00
Remington Typewriter Co., book and repairs	4.90
Mortimer Searles, stamp and pad	.70
Sherman & Perry	36.50
C. R. Sherman & Son, labor and fixture	4.10
So. Mass. Telephone Co., service and tolls	79.62
Carl Strauss, pencil pointer	4.20
Sullivan & Markey, binding	2.00

AUDITOR'S REPORT.

John B. Sullivan & Son, bound stones	75.00	
R. W. Taber, stationery supplies	29.21	
Allen S. Tripp, boat hire	3.25	
Union Street Railway, car tickets	150.00	
George H. Walker & Co., atlas	15.00	
Henry F. West, boat hire	7.45	
Western Union Telegraph Co., service	.39	
William F. Williams, city engineer, expenses	51.75	
Charles F. Wing, furniture repairs	3.82	
Wood, Brightman & Co., labor	.30	1,838.86
		<u>\$10,257.26</u>
To transfer to balance		1,742.74
		<u>\$12,000.00</u>
By appropriation	Cr.	<u>\$12,000.00</u>

ENGINEERING DEPARTMENT, INVESTIGATION
OF THE TIDAL CURRENTS IN THE
ACUSHNET RIVER AND CLARK'S COVE.

	Cr.	
December 7, 1903. By balance		<u>\$790.11</u>
	Cr.	
December 5, 1904		<u>\$790.11</u>

FIRE DEPARTMENT.

Dr.		
Salaries:		
Frederick Macy, chief engineer	\$837.50	
Edward F. Dahill, chief engineer	520.54	
Edward F. Dahill, 1st assistant engineer	392.72	

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James J. Donaghy, 1st	"	"	200.00	
James J. Donaghy, 2nd	"	"	200.00	
William E. Watson, 2nd	"	"	100.00	
William E. Watson, 3rd	"	"	200.00	
William Gibbs, 3rd	"	"	102.47	
Robert Woolfenden, Jr., 4th	"	"	300.00	
Frederick B. Macy, clerk			133.36	
Joseph P. Kennedy, clerk			66.64	\$3,053.23

Pay rolls:

Permanent men				\$43,684.46
Protecting society				150.00
Engine Co. No. 1			\$1,918.95	
" " " 2			2,090.61	
" " " 4			1,908.84	
" " " 5			1,897.63	
" " " 6			2,094.00	
" " " 7			1,932.00	
" " " 8			1,932.00	
" " " 9			1,725.00	
Hook and Ladder Co., No. 1			1,932.00	
" " " " " 2			1,932.00	
" " " " " 3			1,770.00	
Hose Co., No. 2			960.00	
Chemical Engine Co., No. 1			613.00	\$22,705.03

Blacksmithing:

A. H. Bassett, Jr.	\$5.00	
Willard B. Bennett	3.20	
F. A. Bonneau	239.34	
U. E. Collette	90.46	
H. L. Donaghy	164.33	
E. M. Durfee	12.15	
Fichtenmayer & Flynn	391.92	
N. T. Fuller	208.51	
A. E. Hathaway	47.03	
King & Chicoine	44.66	
J. L. Luce	139.75	
E. B. Macy	76.99	
R. T. Refuse	43.65	
Julius C. Sylvia	30.50	\$1,497.51

Fuel :

H. T. Borden & Co.	\$6.50	
Geo. A. Cobb	28.50	
Denison Brothers Co.	517.94	
David Duff & Son	935.55	
Albert W. Holmes	3.75	
John N. O'Brien	11.25	
Timothy J. O'Brien	1.00	\$1,504.49

Harness and repairs :

William Cronin & Co.	\$112.85	
C. F. Cushing	4.00	
C. A. Dion	2.90	
F. A. Frates	50.58	
George G. Huddy	11.90	
W. C. Lucas	7.00	
C. H. Perkins & Co.	30.00	\$219.23

Horse feed and bedding :

F. T. Akin & Co.	\$49.30	
William Baylies	1,692.41	
Charles Benson	18.40	
J. A. Bouvier	276.13	
Fred G. Bowman	13.80	
Denison, Plummer Co.	177.00	
Hathaway & Mackenzie Grain Co.	317.22	
Horvitz Brothers	46.86	
Samuel Horvitz	14.80	
Mary P. Hubbard	107.23	
Perry P. Jenney & Son	12.02	
Charles S. Kelley	607.20	
J. Frank Kirk	201.03	
Mortimer McCarthy	1,049.54	
N. B. Teaming Co.	525.21	
John Notter	200.31	
David Warren	39.82	
Samuel Wing	59.96	\$5,408.36

Horse and carriage hire :

F. A. Bonneau	\$100.00
James Duddy	112.50
David Hutchings	49.00
Mortimer McCarty	94.00

AUDITOR'S REPORT.

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N. B. Teaming Co.	168.00	
W. H. & L. F. Peirce	67.00	
Poor Department	294.55	
Sherman & Perry	15.00	
John B. Sullivan & Son	34.00	\$934.05

Repairs to fire stations :

Willard B. Bennett	\$48.50	
Geo. A. Bosworth	21.36	
George D. Dodge	63.63	
C. L. Dunham	41.86	
Greene & Marshall	30.07	
Greene & Wood	78.41	
Francis W. Hammond	149.79	
George E. Hatch	3.68	
S. C. Lowe Supply Co.	17.45	
Walter Martin	9.68	
J. L. G. Mason	33.38	
John J. Meaney	71.60	
George H. McCarthy	12.20	
T. J. Moriarty	37.99	
Nelson Brothers	1.85	
N. B. Boiler & Machine Co.	.96	
John V. O'Neil	4.54	
E. F. Penny	26.33	
E. A. Remington	8.45	
Charles Thompson	23.30	
F. P. Washburn	2.40	\$687.43

Supplies :

Acushnet Iron Co.	\$22.06
F. T. Akin & Co.	12.23
American Steel Wire Co.	64.00
Babbitt, Wood & Co.	.75
H. P. Babson	16.00
Henry K. Barnes	1,050.00
James E. Blake	7.56
Bliss & Nye	36.09
N. P. Chase	12.10
Geo. A. Cobb	53.42
Henry T. Corson	15.95
C. S. & B. Cummings	11.75
Edward F. Dahill	1.15

W. F. Desmond	.42	
DeWolf & Vincent	19.54	
Joseph Divignon	15.58	
Frank M. Douglass	22.25	
Driscoll, Church & Hall	67.79	
Crawford L. Dunham	16.74	
D. W. Fisher & Co.	12.00	
R. M. Gardner & Co.	22.22	
Goldine Manufacturing Co.	15.00	
Greene & Marshall	2.23	
Greene & Wood	.62	
Jonathan Handy Co.	3.16	
Hathaway & Co.	82.53	
N. P. Hayes	13.70	
Heaney Manufacturing Co.	12.00	
Hillman, Washburn & Co.	22.35	
F. W. Hunt	51.52	
George Kirby, Jr., & Co.	7.89	
Frank Michaud	13.20	
T. J. Moriarty	.80	
N. B. Boiler & Machine Co.	44.97	
N. B. Cordage Co.	13.51	
N. B. Dry Goods Co.	67.87	
N. B. Rubber Co.	23.50	
L. Z. Normandin & Co.	2.20	
William F. Nye	1.25	
Frank R. Pease	1.20	
E. F. Penney	1.10	
Phinotas Chemical Co.	53.00	
W. A. Robinson & Co.	3.75	
Ruggles & Ellison	41.14	
C. R. Sherman & Son	2.10	
James L. Sherman	1.63	
F. R. Slocum Co.	6.75	
R. Brinley Smith Co.	2.55	
J. V. Spare Dry Goods Co.	4.75	
Chas. H. Tripp	20.20	
Vollman Sponge Co.	106.04	
Wamsutta Mills	23.40	
William R. West	21.10	
Whitton Corporation	25.20	
Wood, Brightman & Co.	2.59	
James L. York	2.50	\$2,177.80

Miscellaneous :

Allen's N. B. & B. Express, express	60
E. Anthony & Sons, subscription	48.00
Automatic Telephone Co., service	58.75
John B. Baylies, chairs	28.00
E. L. Brawley, whips	9.00
F. S. Brightman Co., books and stationery	19.13
F. A. Bonneau, painting	24.00
Broad Gauge Iron Co., stalls	8.00
William Brown, whitewashing	3.50
Geo. L. Brownell, estate, painting	48.00
Cornelius Callahan Co., hose and connection	297.00
Geo. A. Cobb, carting	2.00
A. E. Coffin Press, printing	59.35
Combination Ladder Co., ladder and lantern	123.40
Chas. P. Cottle, sawdust	3.45
O. E. Covil, manager, horse	225.00
Edward F. Dahill, chief, board of horse	125.00
Edward F. Dahill, chief, disbursements	14.25
William E. Decrow, fire alarm box and gong	455.00
D. H. Demoranville, freight and carting	2.11
H. H. Dews, services	53.00
Hugh L. Donaghy, painting and varnishing wagon	53.00
James Duddy, carting	1.50
Albert A. Dunlap, services	47.00
Samuel Eastman & Co., deluge sett	100.00
Eureka Hose Co., hose and couplings	285.00
Chas. A. Gray & Co., teaming	6.12
W. A. Greenough & Co., directory	4.00
Hatch & Co., express	5.90
A. E. Hathaway, horses	462.50
A. E. Hathaway, rent of shed	117.50
L. J. Hathaway, painting	32.25
E. V. Hazzard, painting	50.00
H. S. Hutchinson & Co., record book and stationery	5.00
Perry P. Jenney & Son, rubber tire	10.50
Frederick Macy, chief, board of horse	150.00
Frederick Macy, chief, disbursements	18.88

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Frederick Macy, estate, wagon and blankets	60.50	
Mercury Publishing Co., subscription	6.00	
N. B. Boiler & Machine Co., labor	4.00	
N. B. Five Cents Savings Bank, rent of shed	24.00	
N. B. Furniture Co., cotton mattress	3.00	
N. B. Gas & Edison Light Co., labor and material	18.59	
N. B. Gas & Edison Light Co., lighting	763.60	
N. B. Printing Co., printing	38.25	
N. B. Steam Carpet Beating Est., cleaning	22.77	
N. B. Teaming Co., freight and carting	.90	
H. R. Packard, uniform ornaments	27.00	
Pairpoint Mfg. Co., badges	6.00	
Geo. H. Parker, car fares	8.45	
John F. Parker, steward	20.00	
F. H. Sargent, plating	2.00	
Mortimer Searles, stamps	1.75	
J. H. Shea, Jr., horse dentistry	69.00	
F. R. Slocum Co., carpet	57.50	
So. Mass. Telephone Co., service and tolls	428.64	
Henry C. Stoehr & Co., whips	21.00	
Street Department, carting	1.93	
Sullivan & Markey, biuding	27.75	
Robert W. Taber, stationery and advertising	12.10	
J. D. Weeks, labor	2.10	
Edmund L. Wilde, services	50.00	
Charles F. Wing, carpet lining and casters	16.38	
Robert Woolfenden, laundry	71.85	\$4,720.75
		<u>\$86,742 34</u>
To transfer to balance		29.20
		<u>\$86,771.54</u>
CR.		
By appropriation	\$86,000.00	
Receipts as per Treasurer's reports	771.54	<u>\$86,771 54</u>

FIRE STATION, KEMPTON AND REED STREETS, CONSTRUCTION.

DR.

John B. Sullivan & Sons, contractors	\$16,578.90
December 5, 1904. To balance	4,769.60
	<u>\$21,348.50</u>

CR.

December 7, 1903. By balance	<u>\$21,348.50</u>
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CR.

December 5, 1904. Balance	<u>\$4,769.60</u>
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FIRE STATION, KEMPTON AND REED STREETS, DRAIN.

DR.

Pay rolls		\$377.40
George A. Eggers, explosives	\$16.40	
General sewers, supplies	38.95	
Highways and streets, stock, labor and teaming	16.72	
S. S. Paine & Brother, cement and pipe	8.29	
C. S. Paisler, pipe	37.44	117.80
		<u>\$495.20</u>
To transfer to balance		4.80
		<u>\$500.00</u>

CR.

By special appropriation	<u>\$500.00</u>
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FIRE STATION, KEMPTON AND REED STREETS, PLANS AND SPECIFICATIONS.

DR.

S. C. Hunt, architect

\$533.71

CR.

By special appropriation

\$533.71

FREE PUBLIC LIBRARY.

DR.

Salaries and pay rolls :

George H. Tripp, librarian	\$2,499.98
Ethel D. Anthony, assistant	109.16
Nellie C. Davol, "	420.00
Anna M. DeWolf, "	799.95
Susie H. Gammons, "	600.00
Etta F. Lawrence, "	600.00
Emma J. Merrick, "	64.50
Josephine A. Merrick, "	600.00
Florence E. Pierce, "	600.00
Clement L. Yaeger, "	793.28
Robert Allen, attendant	312.00
William Brown, "	312.00
Yorick W. Ames, janitor	780.00
W. E. Nooth, "	31.66
William G. Lamb, fireman	64.00
Henry C. Adair, page	182.00
Joseph Birtwistle, "	143.50
Edwin Lampport, "	35.00
John Lees, "	182.00
Henry Mendelsohn, "	16.90
Arthur T. Rogers, "	165.10
William Sullivan, "	3.50
Ray H. Taber, "	14.00
Hugh Yaeger, "	14.00
	\$9,342.53

AUDITOR'S REPORT.

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Binding :

American Architect Co.	4.00	
W. H. Collins & Co.	400.30	
H. S. Hutchinson & Co.	121.58	
Library Bureau	7.80	
Office, Bank & Library Co.	13.00	
Old Bindery	122.25	
Sullivan & Markey	301.65	970.58

Printing :

E. Anthony & Sons	234.72	
A. E. Coffin Press	37.50	
Hallett Brothers	5.50	277.72

Subscriptions :

American Academy of Political and Social Science	10.00	
American Anthropological Association	43.00	
American Economic Association	3.34	
Anderson Auction Co.	3.00	
E. Anthony & Sons	83.28	
George L. Briggs	456.95	
Douglas & Foulis	5.95	
Essex Institute	2.00	
Fox, Duffield Co.	5.00	
W. H. Guild & Co.	500.80	
Medford Historical Society	1.00	
Mercury Publishing Co.	17.34	
New England Homestead	1.15	
New England Water Works Association	3.00	
Pilgrim Press	1.50	
Publishers' Weekly	8.50	
Records of the Past Exploration Society	7.00	
Gustav Sickley	3.00	
H. W. Wilson Co.	9.00	1,164.81

Miscellaneous :

F. T. Akin & Co., stock and labor	8.01
A. L. A. Publishing Board, cards	1.60
Almy & Hitch, awning and labor	6.25
E. Anthony & Sons, advertising	3.60
Bliss & Nye, floor brushes	6.40
W. P. Briggs, electrical work	8.22

Boston Book Co., books	38.00	
Charles L. Bowman & Co., stationery	4.75	
Coffin Brothers, paper boxes	20.00	
Coggeshall, Maxfield & Co., labor and material	8.65	
Denison Mfg. Co., labels	2.40	
Gaylord Brothers, book pockets	10.13	
W. H. Guild & Co., books and magazines	6.60	
Hammond Typewriter Co., repairs	3.85	
J. A. Hill & Co., paper pads, etc.	10.10	
Home Library & Supply Association, stationery	10.25	
Walter S. Houghton, books and magazines	2.75	
J. F. Hoyer, agent, insurance	95.00	
Hub Magazine Co., magazines	5.32	
T. M. James & Co., insurance	95.00	
Library Bureau, index cards, etc.	43.50	
Library Bureau, charts	10.00	
Clara E. McDevitt, novels	11.40	
Mercury Publishing Co., advertising	3.40	
N. B. Gas & Edison Light Co., lighting	150.28	
N. B. Gas & Edison Light Co., repairs and supplies	23.10	
E. F. Penney, plumbing	2.05	
A. P. Pope & Co., stock and labor	83.44	
Mortimer Searles, rubber stamp	1.15	
Smith Premier Typewriter Co., platen	5.00	
Southern History Association, dues	3.00	
So. Mass. Telephone Co., service and tolls	43.50	
Stone & Downer Co., customs charges	6.29	
R. W. Taber, books and stationery	30.00	
Union Street Railway Co., car tickets	80.00	
Mary Watson, services	337.60	
C. F. Wing, furniture and repairs	55.01	
Wood, Brightman & Co., labor and material	6.10	1,261 70
		<u>\$13,017 34</u>
To transfer to balance		5.16
		<u>\$13,022.50</u>
 CR.		
By appropriation	\$13,000.00	
Receipts as per Treasurer's reports	22 50	<u>\$13,022.50</u>

FREE PUBLIC LIBRARY, DOG FUND.

DR.

F. T. Akin & Co.	\$80.52	
American Academy of Political and Social Science	2.50	
American Antiquarian Society	5.00	
Boston Book Co.	59.50	
F. S. Brightman Co.	3.50	
W. H. Collins & Co.,	102.35	
Commissioner of Patents	36.00	
Essex Institute	2.00	
C. A. Gray & Co.	7.67	
H. S. Hutchinson & Co.	.91	
George F. Lasher	2.50	
Library Bureau	1,979.00	
Mercury Publishing Co.	18.00	
N. B. Gas & Edison Light Co.	223.90	
N. E. Historical Genealogical Society	3.00	
N. E. Water Works Association	3.00	
George R. Phillips	3.00	
A. P. Pope & Co.	202.25	
C. R. Sherman & Son	4.00	
Southern History Association	3.00	
Stone & Downer Co.	5.25	
Robert W. Taber	1.85	
The Old Bindery	36.45	
Joseph G. Tirrell	8.74	
Union Street Railway Co.	20.00	
C. D. Waldron	1.00	\$2,814.89
December 5, 1904. To balance		12 51
		<hr/> 2,827.40

CR.

December 7, 1903. By balance	1,262.95	
Receipts as per Treasurer's reports	1,564.45	2,827.40

CR.

Dec. 5, 1904. Balance		12.51
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AUDITOR'S REPORT.

FREE PUBLIC LIBRARY TRUSTEES,
JAMES B. CONGDON FUND.

Dr.

Brush & Pencil Co.	\$16.00	
Douglas & Foulis	5.95	
Moore & Company	63.51	
Robert W. Taber	67.05	\$152.51
December 5, 1904. To balance		65.15
		<u>\$217.66</u>

Cr.

December 7, 1903. By balance	\$187.66
Receipts as per Treasurer's reports	30.00
	<u>\$217.66</u>

Cr.

December 5, 1904. Balance	<u>\$65.15</u>
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FREE PUBLIC LIBRARY TRUSTEES,
GEORGE O. CROCKER FUND.

Dr.

William Abbatt	\$17.50
Anderson Auction Co.	10.73
Frederick H. Beach	5.00
Walter R. Benjamin	5.00
Albert Britnell	20.00
George Clarke, treasurer	15.00
A. O. Cummings	5.00
Egypt Exploration fund	5.00
Benjamin F. Fenton, treasurer	8.50
Genealogical Association	4.00
Goodspeed's Book Shop	39.75
Haight & Co.	2.00
F. S. Hammond	5.00

AUDITOR'S REPORT.

55

C. A. Koehler & Co.	25.96	
Chas. E. Lauriat Company	4.00	
C. F. Libbie & Co.	15.36	
George E. Littlefield	15.47	
John D. Morris & Co.	52.50	
Noah Farnham Morrison	5.40	
Thomas B. Mosher	2.75	
Old Corner Book Store	.45	
Open Court Publishing Co.	13.50	
George H. Polley Co.	45.00	
Publishing Society of Connecticut	7.50	
Research Publication Co.	1.25	
George D. Smith	5.00	
Southern History Association	7.00	
Mary LeB. Stockwell	5.00	
Tennant & Ward	4.83	
Joseph G. Tirrell	34.91	
Topsfield Historical Society	3.50	
Henry M. Tower	2.25	
Myra M. Watson	22.88	
Joseph Wright	10.23	\$427.21
December 5, 1904. To balance		34.41
		<u>\$461.62</u>

CR.

December 7, 1903. By balance	\$61.62	
Receipts as per Treasurer's reports	400.00	\$461.62

CR.

December 5, 1904. Balance		<u>\$34.41</u>
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FREE PUBLIC LIBRARY TRUSTEES, OLIVER CROCKER FUND.

DR.

A. L. A. Publishing Board	\$2.00
Annon & Mackel	5.40
Annual Review Publishing Company	3.23
Boston Book Company	111.50

Arthur H. Clarke Company	1.85	
Mrs. Harriet C. Fielding	3.00	
Florence Publishing Company	2.65	
Herman Howard	4.50	
H. S. Hutchinson & Co. •	100.18	
C. A. Koehler & Co.	10.99	
Philadelphia Book Co.	6.00	
Publishers' Weekly	4.00	
G. P. Putnam's Sons	4.50	
Records of the Past Exploration Society	5.00	
Schoenhof Book Co.	1 35	
Union Library Association	4.95	\$271.10
December 5, 1904. To balance		67.96
		<hr/>
		\$339.06

CR.

December 7, 1903. By balance	\$279.06	
Receipts as per Treasurer's reports	60.00	\$339.06
		<hr/>

CR.

December 5, 1904. Balance		\$67.96
		<hr/>

FREE PUBLIC LIBRARY TRUSTEES,
GEORGE HOWLAND, JR., FUND.

DR.

Booklovers Library	\$52.50	
Samuel Buckley Co.	28.50	
George E. Littlefield	9.00	\$88.00
December 5, 1904. To balance		58.05
		<hr/>
		\$146.05

CR.

December 7, 1903. By balance	\$50.05	
Receipts as per Treasurer's reports		96 00
		<hr/>
		\$146.05

CR.

December 5, 1904. Balance

\$58.05FREE PUBLIC LIBRARY TRUSTEES,
SYLVIA ANN HOWLAND FUND.

DR.

William Abbatt	\$12.60
American Baptist Publication Society	.84
American School of Correspondence	5.00
Anderson Auction Company	38.58
John R. Anderson & Co.	50.80
Avon Book Company	10.46
Frederick W. Bailey	1.50
Baker & Taylor Co.	30.12
Bancroft-Whitney Co.	20.00
N. J. Bartlett & Co.	15.00
Bates & Guild Company	2.00
J. W. Bonton, Estate	1.85
Booklovers' Library	158.91
Brooklyn Institute of Art and Science	5.00
Brentanos'	14.03
Burrows Brothers, Company	2.06
T. H. Castor & Co.	2.00
Caxton Press	3.13
T. W. Chace	3.50
Arthur H. Clarke Company	29.57
Cupples & Schoenhof	1.36
Dante Society	5.00
Wm. T. Davis	2.00
DeWolf, Fiske & Co.	3.25
Oliver Ditson Company	18.25
Dodd, Mead & Co.	19.20
B. F. DuBois	2.00
Educational Review	2.12
Wm. M. Emery	1.00
Essex Publishing Co.	23.50
Federal Book Company	7.00

Free Library of Philadelphia	2.50
A. L. Fowle	19.50
Herman Goldberger	15.80
Goodspeed's Book Shop	4.75
Grafton Press	18.00
W. A. Greenough & Co.	8.00
Haight & Co.	2.00
E. B. Hall & Co.	15.00
Harper Brothers	36.97
Hebrew Publishing Co.	19.86
Hinds & Noble	6.80
Hinds, Noble & Eldridge	2 00
Timothy Hopkins	16.00
I. M. Hubbard	16.00
H. S. Hutchinson & Co.	759.58
Kimball Bros.	2.50
C. A. Koehler & Co.	6 51
Neil Morrow Ladd	1.00
Charles E. Lauriat Co.	70.94
C. F. Libbie & Co.	13.56
Little, Brown & Company	24.37
Geo. E. Littlefield	51.80
Livingston Press	28.80
Lord & Nagle Company	12.83
Lubrication Publishing Co.	2.00
Macmillian Company	10.80
Henry Malkan	5.03
C. W. Manwaring	7.27
Massachusetts Historical Society	3.00
A. C. McClurg & Co.	17 54
Cora E. McDevitt	1.29
Joseph McDonough	7.03
J. B. Millett Company	15.00
Moore & Co.	39.29
John D. Morris & Co.	32 06
Noah Farnham Morrison	6.98
Joel Munsell's Sons	3.60
National Conference of Charities and Correction	12.25
National Educational Association	2.00
Ohio State Archaeological and Historical Society	6.00
Old Corner Book Store	12.00
Outlook	52.74
Perkins Book Company	5.08

AUDITOR'S REPORT.

59

Philadelphia Bookstore Company	82.40	
Charlotte Pierce	5.00	
R. L. Polk & Co.	10.00	
Preston & Rounds Company	5 50	
M. D. Prevost	2 25	
Publishing Society of Connecticut	7.50	
Publishers' Weekly	3.68	
Quebec News Co.	2.17	
Sampson & Murdock Co.	6.00	
Schoenhof Book Co.	67.03	
John E. Scopes	.90	
Charles Scribner's Sons	8.00	
Shepard Book Company	2.80	
W. G. Shillaber	12.00	
Sibley & Company	10.00	
John Skinner's Book Store	5.50	
Smith & Wilkins	1.50	
Soldiers and Sailors Historical Society of R. I.	.80	
G. E. Stechert	3.42	
Robert W. Taber	846.50	
S. A. K. Taylor	1.25	
Union Library Association	49.05	
University of Chicago Press	3.20	
D. Van Nostrand Company	11.80	
Oscar Weglin	1.00	
Edgar A. Werner	3.58	
Henry P. Willis	2.50	
H. W. Wilson Co.	1.65	
Worcester Natural History Society	1.63	\$2,995.77
December 5, 1904. To balance		8.29
		<u>\$3,004.06</u>

CR.

December 7, 1903. By balance	\$4.06	
Receipts as per Treasurer's reports	3,000.00	<u>\$3,004.06</u>

CR.

December 5, 1904. Balance		<u>\$8.29</u>
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FREE PUBLIC LIBRARY TRUSTEES,
CHARLES W. MORGAN FUND.

DR.

Oliver Ditson & Co.	\$11.26	
Elder & Shepard	.75	
H. S. Hutchinson & Co.	186.50	
Robert W. Taber	55.26	\$253.77
December 5, 1904. To balance		11.14
		<u>\$264.91</u>

CR.

December 7, 1903. By balance	\$204.91	
Receipts as per Treasurer's reports	60.00	\$264.91
		<u> </u>

CR.

December 5, 1904. Balance		<u>\$11.14</u>
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FREE PUBLIC LIBRARY TRUSTEES,
CHARLES L. WOOD FUND.

DR.

Ammon & Mackel	\$1.33
John R. Anderson & Co.	1.12
Baker & Taylor Co.	5.40
Bancroft, Whitney Co.	4.00
Mary S. Bates	24.00
Boston Music Co.	2.25
Burnham Antique Book Store	4.05
Burrows Brothers Company	1 22
Christian Companion	2.00
Arthur H. Clarke Co.	4.00
DeWolf, Fiske & Co.	2.05
Dodd, Mead & Company	20.70
Essex Publishing Co.	5.00

AUDITOR'S REPORT.

61

Gammel, Statesman Publishing Company	2.00	
Goodspeed's Book Shop	.75	
Wm. H. Gregg, Sr.	3.25	
Honeyman & Company	1.16	
H. S. Hutchinson & Co.	58.20	
Charles E. Lauriat Co.	2.00	
C. F. Libbie & Co.	2.28	
Little, Brown Company	.90	
George E. Littlefield	3.60	
George B. Lockwood	1.50	
Henry Malkan	3.85	
Massachusetts Historical Society	3.00	
Joel Munsell's Sons	1.00	
G. P. Putnam's Sons	4.50	
Sidney S. Rider	8.75	
Schoenhof Book Store	5.10	
Soldiers and Sailors Historical Society of R. I.	1.60	
George E. Stechert	9.25	
Robert W. Taber	75.95	
George H. Walker & Co.	25.00	
Edgar A. Werner	1.88	\$290.14
December 5, 1904. To balance		15.40
		<u>\$305.54</u>

CR.

December 7, 1903. By balance	\$225.54	
Receipts as per Treasurer's reports	80.00	\$305.54

CR.

December 5, 1904. Balance	<u>\$15.40</u>
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FREE PUBLIC LIBRARY TRUSTEES, READING ROOMS FUND.

DR.

N. B. Gas & Edison Light Co.	<u>\$8.32</u>
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CR.

December 7, 1903. By balance	<u>\$8.32</u>
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HIGHWAYS AND STREETS.

Dr.

Pay rolls	\$147,557.79
Crusher stone :	
Henry C. Allen	\$72.57
Charles M. Andrews	10.98
D. A. Anthony	112.74
Henry T. Ashley	86.68
L. P. Ashley	.54
Edward Auger	40.53
John Barrett	15.00
Albert Benjamin	294.22
Lawrence E. Bertram	27.93
Frank C. Bennett	20.27
Manuel Bento	43.23
Narcizo Bettencourt	10.26
Thomas Blecha	278.58
Jeremiah Bonneau	28.98
Joseph Bonneau	84.41
George B. Borden	57.82
H. T. Borden	12.68
John F. Borden	1.83
E. Bouchard	66.34
Gilbert Bouchard	152.43
Leon Bouchard	128.62
Joseph T. Brownell	3.69
Henry T. Bulman	192.10
Joseph Butler	3.80
Antone Cabral	71.65
Joseph Cabral	1.44
Israel Carrier	16.66
E. H. Casey	13.18
Zack Chaffee	57.74
H. Charpenter	2.34
A. E. Chase	32.57
Henry Chase	9.30
N. P. Chase	27.84
Emma Cloutare	3.62
George A. Cobb	3.04
George Coggeshall	22.48
Joseph Comeau	52.74

AUDITOR'S REPORT.**63**

William A. Congdon	2.27
John Connell	3.40
John Connors	199.05
Patrick Connors	309.63
Pardon Cornell	13.27
Charles P. Cottle	10.99
Eugene G. Crapo	353.49
Adolph Cusson	522.31
Antone Damos	33.26
John Davignon	88.77
John DeCosta	120.38
Joseph DeCosta	130.04
Arthur J. Delano	68.90
L. F. DeMoranville	1.46
Alfred Denault	46.07
Moses Denault	318.56
Dontigney & Jarry	37.99
Joseph Dube	52.81
Napoleon Dube	120.02
James Duddy	.83
David Duff & Son	187.44
Arthur Dumaine	336.63
David Duval	46.38
M. J. Fagundes	334.25
Henry Fateux	43.17
David Ferguson	3.34
Frank J. Fernandes	172.43
Manuel Figurette	103.53
J. F. Francis	9.44
Frank T. Frates	21.89
H. J. Fredette	37.75
Jack Foster	59.69
E. H. Gammons	49.37
W. G. Gibbs	18.46
C. T. W. Gifford	69.63
Richard L. Gifford	1.21
D. Goodreau	17.35
Samuel Goodreau	68.81
Napoleon Goulet	19.77
D. Goyer	19.15
S. B. Gray	17.69
David Grew	61.00
George H. Hambly	98.28

James B. Hamlin	16.40
Emery W. Hammond	16.92
Thomas Harding	94.76
Henry W. Hathaway	115.39
John W. Hathaway	15.29
Joseph S. Hathaway	45.13
John W. Hayes	59.07
William Hebert	2.33
F. H. Hicks	3.02
A. K. Howard	6.17
John J. Howland	133.14
Henry Jackson	1.18
D. J. Jarry	845.64
Joseph Jason	8.61
Walter I. Jenney	4.92
Herbert F. Jones	40.31
Charles S. Kelley	3.19
Thomas Kenney	28.97
Paul Kuchler	16.97
Lagasse & Berard	8.66
Henry Lagasse	188.15
Adam Laliberte	80.81
Zeph'r Laport	44.25
Octave Lariviere	19.80
Antone Lawrence	37.36
Philip Lagasse	8.96
Antone Lemos	32.89
Frank S. Lemos	104.91
Joseph Lewis	210.23
Manuel S. Lewis	14.36
William H. Lynch	160.42
Antone Maciel	154.90
Manuel J. Maciel	89.58
C. A. Macomber	23.43
Leonard Macomber	56.30
William P. Macomber	217.80
Cyrille Mallioux	12.67
Amede Manat	83.32
John W. Manchester	2.56
Joseph Marion	24.82
Arthur Martell	209.64
Walter Martin	4.29
Mortimer McCarty	30.35

AUDITOR'S REPORT.

65

J. F. McNamara	5.99
Antone Mello	137.43
Antone B. Morde	1.77
Edward Morse	1.66
Charles H. Morton	67.13
Frank P. Morton	11.54
Walter F. Mosher	43.45
Charles H. Negus	124.67
N. B. Granite Co,	3.05
N. B. Teaming Co.	109.32
N. B. Water Works	36.39
Lazare Noel	13.99
Frank P. Noia	83.08
G. W. Norton	308.40
F. W. Oesting	213.16
P. O'Leary	90.22
Domingo Oliver	6.32
Jesse Oliver	25.88
Edward Ouimet	45.15
Charles H. Peck	8.46
L. Peltier	3.61
Manuel Perry	12.60
Phaneuf & Son	236.05
W. H. & L. F. Pierce	32.75
C. H. Place	98.21
Joseph Perry Ponte	22.73
Philip Provost	19.56
Edward Reynolds	193.47
D. Richard	49.17
Edward Richard	6.18
Joseph Roberts	23.55
Joseph H. Rogers	116.45
Adolphus Rondeau	236.99
Charles Rondeau	37.52
Ernest Rondeau	320.94
Prosper Rondeau	565.39
Arthur Roy	61.83
Louis Roy	12.03
Frank Schlais	18.13
George Schlais.	23.34
Henry Schroeder	17.05
Stephen E. Shaw	22.08
Joseph T. Sequeira	64.65

John S. Silva	290.18
Manuel R. Silvera	1.00
Louis Simmons	22.43
Edward Smith	53.97
John A. Smith	.73
John Solca	11.16
Frank Souza	13.99
Joseph Souza	28.58
Manuel Souza	4.50
Manuel P. Souza	114.95
Mary Souza	16.24
George Spencer	40.08
Charles Spooner, Jr.	1.31
Charles W. Spooner	6.30
Daniel A. Spooner	149.82
E. S. Spooner	77.21
R. Spooner	13.04
Napoleon St. Louis	9.74
Albert Strong	106.85
F. A. Stowell	37.43
John B. Sullivan	744.70
Daniel Sweeney	29.08
Antone Sylvia	40.04
Antone C. Sylvia	19.31
Frank Sylvia	60.11
John Sylvia	10.82
John G. Sylvia	69.91
Joseph Sylvia	110.65
Joseph B. Sylvia	30.23
Joseph P. Sylvia	30.36
Joseph S. Sylvia	266.47
Manuel D. Sylvia	30.38
Manuel G. Sylvia	135.61
Manuel L. Sylvia	18.19
Manuel V. Sylvia	8.22
Fred C. Taber	22.70
William W. Thatcher	21.56
Antone Thomas	62.08
Philip Trevost	11.11
Tripp & Paine	100.65
Alexander A. Tripp	24.92
Thomas B. Tripp	3.16
William O. T. Upham	35.82

AUDITOR'S REPORT.

67

Frank L. Vera	175.50	
Mary Vera	26.86	
Manuel Victorine	82.38	
Henry Viegant	276.57	
Henry Vignault	87.07	
Warren Brothers Co.	12.83	
David Warren	4.46	
B. F. Watkins	150.92	
H. W. Watkins	61.48	
Augustus White	9.00	
Patrick White	53.07	
C. T. W. Wilbur	3.64	
Deborah A. Wilbur	146.21	
George F. Wilbur	79.59	
Frank Williams	84.37	
Joseph Williams	66.64	
Thomas Winsper	2.19	
William Woodhouse	39.50	\$17,309.18
Curbing and paving :		
Alfred Denault	443.26	
Mary E. Denault	216.32	
Moses Denault	4,533.13	
N. B. Granite Co.	1,188.09	
Abiatha Rogers	126.36	
John B. Sullivan	11,870.04	
Warren Brothers Co.	29,346.11	\$47,223.31
Hardware, machine fittings and tools :		
Acushnet Iron Co.	6.87	
A. W. Allen Co.	5.27	
Ames Plow Co.	31.50	
Charles D. Beetle	2.00	
A. B. Black, Agent	33.45	
Bliss & Nye	.75	
Boston Bolt Co.	14.25	
Boston Broom Co.	42.00	
Boston & Lockport Block Co.	15.75	
George W. Brady	15.95	
William P. Butler	1.45	
Walter F. Chase	2.45	
DeWolf & Vincent	149.62	
Driscoll, Church & Hall	5.88	

Edson Mfg. Co.	.75	
Farrel Foundry & Machine Co.	9.90	
Fred C. Gifford	75.05	
Jonathan Handy Co.	613.11	
George E. Hatch	3.75	
N. P. Hayes	136.84	
Hillman, Washburn & Co.	39.34	
Holmes & Blanchard Co.	20.40	
Perry P. Jenney & Son	215.68	
Kane & Roach	151.95	
Kelley Springfield Road Roller Co.	265.00	
S. C. Lowe Supply Co.	211.35	
Menzies Street Cleaner Co.	153.60	
Morse Twist Drill & Machine Co.	3.60	
N. B. Boiler & Machine Co.	4.92	
N. B. Cordage Co.	1.36	
N. B. Water Works	15.31	
Charles S. Paisler	3.30	
Perrin, Seamans & Co.,	129.35	
Pickering Governor Co.	1.05	
A. A. Reed	2.50	
E. K. Russell, Jr.	8.20	
Scandinavia Belting Co.	71.94	
C. R. Sherman & Son	.10	
Slocum & Kilburn	32.81	
F. L. Sowle	1.00	
Taunton New Bedford Copper Co.	2.88	
Taylor Iron & Steel Co.	260.40	
E. C. Ware	11.00	
Wood, Brightman & Co.	39.41	
A. H. Wordell	6.70	\$2,819 24

Labor and material :

A. W. Allen Co.	14.30
Babbitt, Wood & Co.	465.61
William P. Briggs	5.10
U. E. Collette	1.50
George R. Deane	3.40
Horace A. Fitch	.40
George E. Hatch	92.85
Charles Jennings	1.57
N. B. Boiler & Machine Co.	2.20
N. B. Gas & Edison Light Co.	4.53

AUDITOR'S REPORT.

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John V. O'Neil	.85	
William H. Rankin	50.39	
Frank B. Sistare	491.64	
Frank S. Tripp	408.70	
Wood, Brightman & Co.	4.80	\$1,547.84

Supplies :

F. T. Akin & Co.	79.17
Babbitt, Wood & Co.	20.95
Bates, Kirby & Co.	42.25
Blossom Brothers	.50
Brightman Brothers	.84
Buffalo Steam Road Roller Co.	12.50
City Coal Co.	280.21
C. S. & B. Cummings	1.25
Denison Brothers Co.	268.41
Driscoll, Church & Hall	17.05
David Duff & Son	911.61
Edson Mfg. Co.	177.62
George A. Eggers	49.30
F. E. Fitts Mfg. and Supply Co.	63.54
N. T. Fuller	.25
T. M. Hart & Co.	85.52
William M. Higham	.50
Albert W. Holmes	330.95
H. S. Hutchinson & Co.	1.00
Joseph P. Kennedy	3.31
Kimball, Harrington & Osborne	553.84
George Kirby, Jr., & Co.	34.28
National Coal Tar Co.	630.40
N. B. Cordage Co.	21.86
N. B. Ice Co.	13.16
William F. Nye	8.00
S. S. Paine & Brother	676.99
C. S. Paisler	.24
Parsons Steam Laundry Co.	.60
A. W. Perkins & Co.	150.00
Scandinavia Belting Co.	21.00
Schuler Brothers	1.30
Slocum & Kilburn	5.50
Solshine Supply Co.	6.00
Standard Oil Co.	124.53
The Viscol Co.	13.00

Warren Brothers Co.	1,893.84	
William R. West	195.22	
Wood, Brightman & Co.	.60	\$6,719.09

Teaming :

Seth Alden	448.32
James C. Allen, agent	14.00
H. P. Babson	12.00
William Baylies	2,274.92
F. A. Bonneau	2.72
George L. Brownell, estate	23.00
Charboneau Brothers	.20
Joseph Charpentier	.38
Samuel Churchill	14.80
Church & Hammond	13.73
N. P. Clapp	10.08
William E. Collins	31.86
William Cronin & Co.	515.59
Dudley Davenport	169.96
Arthur J. Delano	15.12
Denison, Plummer Co.	846.71
Henry H. Dews	119.50
Fichtenmayer & Flynn	105.45
J. N. Gage	103.25
H. B. Hamilton	25.00
Hathaway & Mackenzie Grain Co.	986.15
A. E. Hathaway	194.07
L. J. Hathaway	40.66
George G. Huddy	92.15
Perry P. Jenney & Son	113.98
King & Chicoine	.38
J. Frank Kirk	602.34
John Larma, Jr.	1.70
S. C. Lowe Supply Co.	4.00
I. H. Manchester	19.20
N. B. Granite Co.	.20
N. B. Teaming Co.	662.58
F. W. Oesting	732.07
Ellery Peirce	129.84
John S. Perry	382.05
T. H. Pickles	.25
J. H. Shea, Jr.	88.00
Walter A. Taylor	17.96

AUDITOR'S REPORT.

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James Terry	315.40	
Eugene White	23.04	
A. M. Wood Co.	83.86	
A. H. Wordell	60.00	9,298.47

Miscellaneous :

Allen's Express, charges	4.80
Almy & Hitch, care of awnings	2.00
E. Anthony & Sons, advertising	14.44
E. Anthony & Sons, subscriptions	6.00
Automatic Telephone Co., rentals	17.83
Clifford Baylies, land rent	20.00
R. Beetle, gravel	265.20
George B. Borden, machine hire	18.00
F. S. Brightman Co., books and stationery	258.23
H. T. Bullman, granolithic	3,373.97
J. M. Burgess, land rent	24.00
H. D. Clark, M. D., services	70.00
George A. Cobb, services	4.00
A. E. Coffin Press, printing	58.25
W. H. Collins & Co., books and paper	37.50
Samuel H. Cook, boiler insurance	50.00
John A. Crapo, land rent	60.00
David Duff & Son, storage	120.00
John Duff, P. M., stamped paper	36.80
Charles F. Gifford, horse	240.00
Harriet H. Gilman, rent and light	723.43
Greene & Wood, lumber	254.82
W. A. Greenough & Co., directories	8.00
Handy Co., telephone indexes	4.00
Hatch & Co., express charges	6.75
Judith Hathaway, gravel	6.72
Hiller Brothers & Co., pair horses	575.00
H. S. Hutchinson & Co., typewriter repairs	5.50
William L. Kelley, clock and repairs	12.25
Kirby & Hicks, use of horse	396.00
Frank R. Kirby, rebate	57.50
C. F. Lawton, superintendent, expenses	91.00
Mercury Publishing Co., advertising	15.05
Mercury Publishing Co., printing	119.00
Mercury Publishing Co., subscription	6.00
Municipal Journal and Engineer, subscription	3.00
N. B. Emergency Hospital, services	18.50

AUDITOR'S REPORT.

N. B. Gas & Edison Light Co., gas for power	181.90	
N. B. Gas & Edison Light Co., lighting	172.42	
N. B. Towboat Co., services	10.00	
N. E. Cotton Yarn Co., land rent	100.00	
N. Y., N. H. & H. R. R. Co., freight	198.83	
John N. O'Brien, sealing scales	4.25	
C. B. Piper, washing towels	7.20	
Philip S. Poole, gravel and stone	131.51	
George Rainville, gravel	27.51	
C. G. & G. A. Randall, lumber	102.21	
C. N. Richmond, agent, land rent	50.00	
Sanders & Barrows Clothing Co., uniforms	23.00	
Mortimer Searles, ink	.25	
Sherman & Perry, carriage hire	8.00	
James L. Sherman, lumber	2.75	
F. R. Slocum Co., chair spring	.25	
Abbott P. Smith, land rent	100.00	
Frank Smith, labor	30.00	
So. Mass. Telephone Co., service and tolls	39.20	
Stanley Brothers, three horses	790.00	
Sullivan & Markey, binding	2 50	
Job Sweet, services	5.00	
Robert W. Taber, paper	.90	
Edward T. Tucker, M. D., services	4.00	
Warren Brothers Co., granolithic	3,187.61	
Watchman's Dial Co., blanks	3.00	
Welsbach Street Lighting Co., damages	3.25	
Western Union Telegraph Co., message	.75	
Wood, Brightman & Co., pump	21.00	12,190.83
		<u>\$244,665.75</u>
To transfer to balance		6,779.47
		<u>\$251,445.22</u>

CR.

By appropriation	\$51,000.00	
By special appropriations	169,000.00	
Receipts as per Treasurer's reports	31,445.22	<u>\$251,445.22</u>

INCIDENTALS.

Dr.

Advertising :

E. Anthony & Sons	\$308.90	
Archambeault Brothers	219.28	
Bartholo & Co.	69.82	
Catholic Union Publishing Co.	365.75	
Correio Portuguez	101.85	
L'Independant Publishing Co.	155.65	
Mercury Publishing Co.	319.30	
Times Newspaper Co.	607.35	\$2,147.90

Birth and death returns :

Horatio C. Allen	1.00
Louisa Anthony	1.00
D. S. Belanger	20.00
Robert G. Bennett	31.25
Joseph A. Bernier	3.50
James M. Bonnar	3.50
Charles M. Bonney, Jr.	6.25
Joseph Carrier	26.25
L. A. Chubbuck	.50
T. P. Cleveland	1.00
Mary Cooper	4.75
Charles F. Connor	5.00
Sylvester E. Donovan	25.00
Sarah Edelstein	3 00
J. E. Fortin	19.50
Philomena Francis	5.00
Vital Girard	36.00
Susannah Grotsch	.50
Mary A. Healey	.25
Sarah Hope	1.25
Charles R. Hunt	3.50
Sarah Jameson	.25
Jane A. Kidd	1.25
A. P. Lagasse	17.00
C. J. Leary	8.25
D. B. Leonard, canvasss	449.25
Milton H. Leonard	38.25
G. F. Lewis	10.00

Margaret Mann	1.00	
T. J. Murphy	16.75	
W. J. Nickerson	2.25	
William A. Nield	1.00	
Alphonse Normandin	27.50	
L. Z. Normandin	60.50	
Ubalde Paquin	23.75	
A. Martin Pierce	12.75	
Joao C. da S. Pitta	14.50	
J. C. Pothier	15.00	
William G. Potter	1.75	
Charles A. Pratt	5.00	
Henry J. Proulx	4.00	
F. H. Robinson	.75	
John Rogers	30.75	
J. C. Shaw	4.75	
Thomas W. Shaw	2.25	
William C. Sheehy	2.75	
Simon Simanski, 2nd	1.00	
Sara Simansky	1.50	
Mary Smith	11.50	
Ada I. Spaid	.50	
H. L. Stevens	12.25	
J. F. Sullivan	7.75	
J. D. Sullivan	17.50	
J. D. Sullivan estate	13.00	
John V. Thuot	61.50	
Harriet Tripp	.25	
Edward T. Tucker	7.00	
W. C. Vaughan, Jr.	48.75	
Amos P. Webber	6.50	
Helen W. Webster	7.75	
J. Frank Weeks	4.75	
Joseph S. Williams	49.75	
R. S. Winslow	.25	1,200.75
Carriage hire :		
Isaac L. Ashley	87.25	
J. Franklyn Bertram	10.00	
Charles R. Cornell	3.00	
O. E. Covell, manager	840.00	
Kirby & Hicks	214.80	
David Methe	2.50	
C. H. Murphy & Son	3.00	
Sherman & Perry	59.50	1,220.05

AUDITOR'S REPORT.

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Clerical services :

William J. Abrams	110.00	
Annie C. Desmond	5.00	
John H. Finnell	55.00	
George H. Freeman	383.75	
Edward B. Gray	5.00	
Charles R. Hathaway	1,625.00	
Elizabeth B. Hathaway	624.00	
Harry T. Healy	55.00	
Laura T. Howland	420.00	
Herbert M. Jackson	7.50	
William T. Laughlin	571.25	
Roland A. Leonard	205.00	
Walter P. Morton	750.00	
Florance A. Murphy	780.00	
Walter R. Myrick	7.50	
John A. O'Keefe	30.00	
George W. Parker	936.00	
Joseph J. Pfaffenzeller	55.00	
Mary C. Potter	5.00	
Edmund A. Reed	936.00	
Patience J. Sherman	650.00	
Ruth S. Sherman	1,036.00	
Arthur C. Spooner	936.00	
Edwin L. Tillinghast	1,100.00	
William B. Topham	491.00	
Charles A. Tuell	55.00	11,834.00

Damages and legal expenses :

Asa Auger, attorney	125.00	
Benjamin B. Barney, city solicitor	340.32	
David Bromley	25.00	
Thomas F. Desmond, special counsel	18,496.95	
Alfred Hemmenway, special counsel	2,000.00	
Homer W. Hervey, attorney	100.00	
Moore & McKay	35.00	
Horace Osgood	400.00	21,522.27

Delivery of tax bills :

Alfred F. Benoit	20.00
Philip S. Briggs	22.50
John H. Finnell	35.00
B. P. Fury	18.75

E. B. Gray	30.00	
Herbert M. Jackson	30.00	
William T. Laughlin	7.50	
Roland A. Leonard	12.50	
Walter R. Myrick	25.00	
Joseph J. Pfaffenzeller	25.00	
Joseph A. Place	15.00	
Herbert A. Swift	22.50	
John H. Toomey	22.50	
William B. Topham	54.00	
Horace Wood	15.00	
James Wood	17.50.	372.75

Fuel :

E. C. Ashley	15.40	
Merton B. Ashley	56.77	
Dennison Brothers Co.	413.57	
David Duff & Son	409.36	895.10

Janitors and watchmen :

John H. Deverell	32.00	
E. M. Horton	18.00	
Arthur B. Lamb	36.00	
William G. Lamb	948.40	
Joseph Mather	720.00	
Robert H. Murdy	44.00	
Walter Pell	66.00	
Cornelius B. Piper	746.00	
David M. Piper	762.84	3,373.24

Janitor supplies :

Bliss & Nye	23.90	
F. S. Brightman Co.	6.50	
Samuel S. Broadbent	1.10	
William H. Brown	5.50	
Church & Hammond	1.35	
C. S. & B. Cummings	20.65	
Thomas Hersom & Co.	7.92	
Household Furnishing Co.	.35	
John McCullough	1.00	
Phinotas Chemical Co.	55.00	
George D. Richards	25.98	
Ruggles & Ellison	.50	
R. W. Taber	2.60	
Washaway Mfg. Co.	2.00	154.35

AUDITOR'S REPORT.

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Newspapers and periodicals :

E. Anthony & Sons	42.52	
Frank P. Bennett Co.	3.34	
Boston Daily Advertiser	6.00	
George L. Briggs	18.76	
J. S. Daggett	2.00	
W. A. Greenough & Co.	44.00	
Mercury Publishing Co.	39.12	155.74

Personal and special services :

Board of Assessors, on tax bills	75 00	
Eastern Audit Co., special audit	14,700.74	
T. Franklin Gay, arbitrator	7.50	
H. G. Herrick, commissioner	500.00	
C. F. Lawton, city forester	100.00	
Arthur T. Lovell, reporter	57.75	
Charles P. Maxfield, arbitrator	7.50	
L. Z. Normandin, M. D.	20.70	
Henry T. Phillips, superintendence	15.00	
C. B. Piper, messenger	47.50	
D. M. Piper, messenger	57.00	
G. T. Richardson, commissioner	500.00	
Francis C. Smith, driver	249.00	
Walter R. Spooner, deputy sheriff	10.42	
Henry W. Tripp, arbitrator	7.50	
Henry F. West, assistant harbor master	10.00	
William Wheeler, commissioner	500.00	16,865.61

Rents :

Bates & Kirby	180.00	
Harriet H. Gilman	802.22	
Merchants National Bank	310.00	
N. B. Safe Deposit & Trust Co.	25.00	
N. Y., N. H. & H. R. R. Co.	200.00	
Wilcox & Richmond Wharf Co.	200.00	1,717.22

Stock and labor :

Almy & Hitch	28.75	
T. M. Hart & Co.	7.05	
Edgar Jackson	11.50	
Perry P. Jenney & Son	4.38	
A. P. Pope & Co.	68.13	
F. H. Sargent	6.00	
Frank E. Washburn	10.80	136.61

Miscellaneous:

F. T. Akin, glass and polish	.55
George J. Allen, award	253.94
American District Telegraph Co., message	.20
Asa L. H. Allen, frame and mat	5.50
C. S. Ashley, mayor, committee and travelling expenses	915 79
D. C. Ashley, inspector, office allowance	325.00
Automatic Telephone Co., rentals	139 00
J. V. Bancroft, sprinkling streets	900.00
Bristol County, board of prisoners	19.11
Bristol County, board of truants	747.77
Bliss & Nye, screen and water cooler	6.00
F. S. Brightman Co., cases, stamp and pad	16.90
W. P. Briggs, keys and repairs	2.30
E. C. Brown, gas directory	5.00
A. T. Brownell, lunches for committee	197.50
T. S. Buck, rubber stamp	.47
C. V. Chapin, registry fee	.50
City clerk, office expenses	103.20
City treasurer, office expenses	62.05
A. B. Collins, registry fees	4.40
Commonwealth of Mass., tax rebate	439.22
Charles H. Cragen, use of boat	52.00
Levi L. Crane, pens	1.60
C. F. Cushing, bag repairs	.25
DeWolf & Vincent, hardware, hooks and steps	4.50
George J. Dodge, labor on stand	7.20
Lincoln Douglass, labor	1.75
John Duff, P. M., stamped paper	218.58
First National Bank, charges	1.30
Paul Gagne, carting	156.00
William Gainville, labor	.82
J. L. Gibbs, expenses	30.00
P. B. Gifford, old print	7.50
John A. Gomley, carting	19.00
W. S. Greene, disbursements	17.92
Greene & Wood, lumber	9.13
George G. Hall, entertainment of committees	8.50
Hammond Typewriter Co., repairs	8.11
Handy Telephone Index Co., indexes	8.00
John A. Harrington, labor	11.00

AUDITOR'S REPORT.

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Hatch & Co., express charges	5.65
C. R. Hathaway, expenses	45.40
N. P. Hayes, hardware	2.53
J. W. Henson, labor	52.31
W. Higginbottom, labor	.90
Highways and streets, trimming trees	955.95
H. S. Hutchinson & Co., sundries	14.00
F. M. Jenkins, mantles	1.45
W. L. Kelley, clock repairs	3.00
Elijah Knox, labor	.82
Clarence G. Lamb, labor	7.06
League of American Municipalities, dues	40.00
Lyon Platinum Pen Co., pens	6.00
A. D. McMullen, carting	27.25
National Shawmut Bank, charges	15.00
N. B. Co-operative Express, charges	58.50
N. B. Cordage Co., line	.40
N. B. Emergency Hospital, board	14.00
N. B. Gas & Edison Light Co., fixtures and repairs	7.80
N. B. Gas & Edison Light Co., lighting	3,980.28
N. B. Ice Co., ice	56.75
N. B. Rubber Co., mat	2.50
N. B. Steam Carpet Beating Est., cleaning	9.04
N. Y., N. H. & H. R. R. Co., mileage	360.00
John N. O'Brien, teaming	158.00
W. N. Olin, secretary, postage	.50
Michael Parent, tax rebate	21.89
William P. Peirce, plant decorations	25.00
C. B. Piper, laundry	86.80
C. B. Piper, services	16.00
D. M. Piper, care City Hall	20.50
F. Pratt, Jr., pens and holders	3.50
Joseph Proulx, pens	3.00
L. K. Reed, labor	161.50
Remington Typewriter Co., exchange and repairs	5.50
W. H. B. Remington, City Messenger, expenses of committees	531.02
Sanford & Kelley, books of statistics	5.00
Mortimer Searles, stamps and pads	3.30
James Slater, decorating	125.00

F. R. Slocum, furniture and repairs	195.69	
Henry Smith, committing truants	3.15	
Simpson, Murdock Co., directories	10.50	
So. Mass. Telephone Co., service and tolls	608.86	
Special committee, N. B. & Fairhaven		
bridge, expenses	1,325.00	
A. C. Spooner, expenses	5.00	
Steiger, Dudgeon Co., towels	6.00	
Carl Strauss, metal wheel	2.06	
Daniel J. Sullivan, clock repairs	1.50	
Joseph H. Sullivan, labor	7.50	
Joseph Sullevy, labor	83.81	
R. W. Taber, sundries	3.53	
Allen S. Tripp, boat hire	2.00	
Union Street Railway Co., car tickets	112.00	
Wamsutta Club, entertainment	261.92	
W. U. Telegraph Co., telegrams	2.04	
W. U. Telegraph Co., sounder service	35.00	
Whitlow Corp., fan motor	13.50	
Fred G. Whitty, labor	28.81	
F. A. Winchester, map	.98	
C. F. Wing, furniture and repairs	40.85	
J. Smithson Wright, match safe	.18	
Yale & Towne Mfg. Co., care of time lock	15.00	14,255.52
		<u>\$75,851.11</u>

CR.

By appropriation	\$40,000.00	
By transfer from unappropriated funds	32,000.00	
Receipts as per Treasurer's reports	18.68	\$72,018.68
Transfer to balance		3,832.43
		<u>\$75,851.11</u>

INCIDENTALS, FOURTH OF JULY.

Dr.

Bell ringing :	
Lord Barker	\$8.00
Henri Blanchette	3.00

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INCIDENTALS, MEMORIAL DAY.

E. Anthony & Sons, advertising and printing	\$38.00
Acushnet Iron Co., stubs	6.00
A. R. Caswell, barges,	20.00
Thomas W. Cook, cash for stamps	.50
Cumberland Naval Veterans Association, appropriation	50.00
Charles Vernon Gridley Camp, Spanish War Veterans, appropriation	25.00
Fred A. Dow, wire baskets	10.50
John A. Gomley, barge	10.00
Gray & Sullivan, band	110.00
George Hill, band	68.00
Kirby & Hicks, wagon hire	2.50

Mercury Publishing Co., advertising and printing	35.50	
New Bedford Band, services	68.00	
F. H. Peckham, barge and carting	25.25	
Frank Perry, barge	10.00	
W. H. & L. F. Peirce, carriage and barges	27.00	
David M. Piper, services	3.00	
Sherman & Perry, carriages	10.00	
J. V. Spare Dry Goods Co., cotton, soap and towels	3.00	
Union Street Railway Co., special cars	20.00	
Union Veteran Legion, Encampment No. 10, appropriation	50.00	
Edward E. Wright, flags	36.75	\$625.00

CR.

By transfers from unappropriated funds	\$625.00
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ISOLATION HOSPITAL, CONSTRUCTION.

DR.

Henry T. Bulman, contractor	\$27,724.00
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CR.

December 7, 1903. By balance	\$27,724.00
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ISOLATION HOSPITAL, HEATING AND VENTILATING.

DR.

A. A. Sanborn, contractor	\$6,493.00
To transfer to "City Property" account	350.00
	\$6,843.00
December 5, 1904. To balance	2,099.00
	\$8,942.00

AUDITOR'S REPORT.

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CR.

By special appropriation	<u>\$8,942.00</u>
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CR.

December 5, 1904. Balance	<u>\$2,099.00</u>
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ISOLATION HOSPITAL, PLANS AND SPECIFICATIONS.

DR.

C. Hammond & Sons, architects	<u>\$1,283.17</u>
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CR.

By special appropriation	<u>\$1,283.17</u>
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ISOLATION HOSPITAL, WEATHER STRIPS.

DR.

Chamberlain Metal Weather Strip Co.	<u>\$587.95</u>
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CR.

By special appropriation	<u>\$587.95</u>
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ISOLATION HOSPITAL, WATER SERVICE.

DR.

New Bedford Water Works	<u>826.67</u>
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CR.

By special appropriation	<u>826.67</u>
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AUDITOR'S REPORT.

LAND DAMAGES, LAYOUT OF FAIR STREET
FROM CRAPO STREET TO BONNEY STREET.

DR.

Charles F. Fish	<u>\$1,000.00</u>
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CR.

By special appropriation	<u>\$1,000.00</u>
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LAND DAMAGES, LAYOUT OF HOPE STREET
FROM BELLEVILLE AVENUE TO
BELLEVILLE ROAD.

DR.

John and John B. Whitehead	<u>\$90.00</u>
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CR.

By special appropriation	<u>\$90.00</u>
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LICENSE COMMISSION.

DR.

E. Anthony & Sons, advertising	18.25
F. S. Brightman Co., books and stationery	13.00
Wm. A. Greenough & Co., directory	4.00
I. B. Maxfield, clerical services	312.00
Mercury Publishing Co., advertising	15.61
" " " printing	65.00
" " " subscription	6.00
C. H. Murphy & Sons, carriage hire	18.50

AUDITOR'S REPORT.

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Sherman & Perry, carriage hire	10.50	
Frank M. Sparrow, chairman, disbursements	9.70	\$472.56
To transfer to balance		527.44
		<u>\$1,000.00</u>
 Cr.		
By appropriation		<u>\$1,000.00</u>

LIGHTING THE STREETS.

Dr.

Acushnet Iron Co., posts	\$480.00	
J. F. Bertram, carriage hire,	10.00	
Kirby & Hicks, carriage hire	6.00	
Mercury Publishing Co., advertising	.35	
David Metthe, carriage hire	5.00	
N. B. Gas & Edison Light Co., electric arc lights	21,481.72	
N. B. Gas & Edison Light Co., gas lights	22,120.27	
N. B. Gas & Edison Light Co., electric incandescent lights	1,314.32	
N. B. Gas & Edison Light Co., naptha lights	15,365.47	\$80,783.13
To transfer to balance		216.87
		<u>\$81,000.00</u>
 Cr.		
By appropriation		<u>\$81,000.00</u>

NEW BEDFORD AND FAIRHAVEN BRIDGE.

Dr.

Pay rolls		\$2,349.53
Harold L. Bond & Co., tools	\$4.00	
Thomas W. Croacher, plank	403.96	

Michael J. Donovan, labor	62.00	
J. B. Dion, nails	13.50	
Greene & Wood, lumber	8.76	
T. M. Hart & Co., deck plate	.75	
Hatch & Co., express charges	.50	
N. P. Hayes, polish and tools	8.10	
Highways and streets, stock, labor and teaming	129.98	
N. B. Boiler & Machine Co., stock and labor	146.47	
N. B. Gas & Edison Light Co., supplies	6.31	
N. Y., N. H. & H. R. R. Co., freight	.25	
William F. Nye, lubricants	39.50	
Simplex Electric Heating Co., radiators, etc.	45.00	
F. R. Slocum Co., chairs	7.50	
Whitlow Corp., stock and labor	13.06	889.64
		<u>\$3,239.17</u>

CR.

By appropriation	\$3,000.00	
By transfer to balance	239.17	<u>\$3,239.17</u>

NEW BEDFORD SCHOOL COMMITTEE,
HOWLAND FUND.

DR.

American Book Co.	\$497.39
D. Appleton & Co.	21.76
E. Anthony & Sons	11.00
Edward E. Babb & Co.	80.77
Boston Furniture Co.	3.49
P. P. Caproni & Bro.	162.69
The Century Co.	4.57
A. B. Crowell	332.40
Curtis & Cameron	13.50
The Davis Press	1.00
Dodd, Mead & Co.	154.50
Educational Pub. Co.	66.60
Educational Review	3.00

Ginn & Company	172.05
Herman Goldberger	42.50
Grumiaux News & Sub Co.	2.50
Half Price Cyclopædia Co.	79.50
J. L. Hammett Co.	72.00
Harper Bros.	66.50
Wm. B. Harrison	12.50
Haskell & Tripp	.50
Wm. E. Hatch	33.09
N. P. Hayes	47.37
D. C. Heath & Co.	141.76
Houghton, Mifflin & Co.	216.12
H. S. Hutchinson & Co.	32.87
Catherine F. Johnson	17.50
Journal of Geography	1.50
Journal of Pedagogy	3.00
C. A. Koebler & Co.	6.00
Longmans, Green & Co.	50.65
Perry, Mason & Co.	88.23
Bunkio, Matsuki	16.32
McKinley Pub. Co.	2.69
The Morse Co.	24.75
N. B. Co-operative Express Co.	.25
N. B. Dry Goods Co.	1.32
N. E. Publishing Co.	2.50
Neostyle Co.	4.50
George Peirce	149.00
Allen Pope	30.00
Prang Educational Co.	3.29
T. W. Preston	8.75
Rand, McNally Co.	3.72
George D. Richards	1.65
Ruggles & Ellison	55.69
The St. Nicholas Co.	6.48
Chas. Scribner's Sons	37.03
Sibley & Co.	7.00
Silver, Burdett & Co.	268.23
Parker P. Simmons	15.25
Sullivan & Markey	15.00
Maud Summers	29.20
Robert W. Taber	47.25
A. T. Thompson & Co.	22.40
Ada W. Tillinghast	3.00

AUDITOR'S REPORT.

LeRoy G. Tripp	.35	
Horace K. Turner Co.	200.75	
Sarah J. Walter	18.35	
John Wanamaker	8.00	
J. Smithson Wright	1.59	\$3,428.12
December 5, 1904. To balance		<u>1,772.42</u>
		<u>\$5,195.54</u>

CR.

December 7, 1903. By balance	\$2,195.54	
Receipts as per Treasurer's reports	3,000.00	<u>\$5,195.54</u>

CR.

December 5, 1904. Balance		<u>\$1,772.42</u>
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NEW BEDFORD SCHOOL COMMITTEE,
JONATHAN BOURNE PRIZE FUND.

DR.

William E. Hatch, superintendent, cash for prizes		<u>\$80.00</u>
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CR.

Receipts as per Treasurer's reports		<u>\$80.00</u>
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NEW BEDFORD WATER WORKS.

DR.

To expenditures as certified by the New Bedford Water Board	\$158,359.53	
December 5, 1904. To balance	1,542.09	<u>\$159,901.62</u>

CR.

December 7, 1903. By balance	\$4,696.37	
By appropriation	12,000.00	
Receipts as per Treasurer's reports	143,205.25	<u>\$159,901.62</u>

CR.

December 5, 1904. Balance		<u>\$1,542.09</u>
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PARK COMMISSION.

DR.

Pay rolls,		\$27,447.73
Animal supplies :		
Albert C. Braley	\$5.33	
C. H. Brownell & Son	17.26	
Central Union Association	39.45	
H. J. Fredette	226.12	
Mortimer McCarthy	5.29	
John Notter	227.62	
Richmond & Co.	71.01	
I. C. Sherman & Son	72.88	
E. C. Taber	491.53	1,156.49
Dressing :		
Patrick Connors	54.00	
James Duddy	112.50	
David Duff & Son	341.52	
Thomas Herson & Co.	11.25	
A. H. Wordell	20.00	539.27
Hardware, tools and fitting :		
Bacon Machine Co.	5.11	
Bliss & Nye	24.76	
William P. Butler	105.84	
DeWolf & Vincent	78.79	
H. L. Donaghy	27.28	
Fichtenmayer & Flynn	8.75	
N. P. Hayes	238.44	
Hillman, Washburn & Co.	7.25	
Perry P. Jenney & Son	60.82	
John Larma, Jr.	12.54	
H. C. Lawton	2.00	
Nat. P. Sowle	3.60	
Julius C. Sylvia	3.40	
Wood, Brightman & Co.	22.61	
A. H. Wordell	1.00	600.19
Labor and material:		
P. Black	130.74	
Samuel R. Clark	4.75	

Charles E. Davis	650.00	
David Duff & Son	971.25	
General Sewers	15.88	
George E. Hatch	31.17	
Highways and streets	683.77	
Jenney & Buffington	557.83	
Kern & Wright	119.31	
John J. Meaney	1,772.12	
Charles A. Mosher	627.48	
N. B. Water Works	856.83	
John V. O'Neil	326.90	
Alex. O. Peirce	47.37	
William F. Sturtevant	601.51	
Martin H. Sullivan	593.71	
Frank S. Tripp	58.63	
Wood, Brightman & Co.	27.27	8,078.52
Plants, seeds and shrubs:		
W. S. Brown	314.47	
Dighton Nursery Co.	11.17	
R. & J. Farquhar & Co.	7.50	
F. C. Heinemann	17.53	
Peter Henderson & Co.	22.50	
Frederick Roemer	10.05	
J. M. Thorburn & Co.	65.87	
A. H. Wordell	59.98	509.07
Supplies :		
Albert C. Braley	10.79	
W. P. Butler	8.55	
F. M. Douglass	12.75	
David Duff & Son	230.65	
George A. Eggers	103.00	
W. M. Higham	3.10	
T. J. Moriarty	28.63	
S. S. Paine & Bro.	78.15	
A. W. Perkins & Co.	2.70	
Smith & Murphy	210.85	
Warren Brothers Co.	225.26	
T. G. Wing	3.60	918.03
Miscellaneous :		
American Florist, subscription	2.00	
T. L. Andrews, wood sawing	19.51	

AUDITOR'S REPORT.

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E. Anthony & Sons, advertising	7.65
I. L. Ashley, carriage hire	11.25
William Bartels, animals	208.00
Charles H. Beetle, land rent	240.00
Belmont Iron Works, settees	350.00
Clara Bennett, land rent	55.33
Chase & Hirst, iron for signs	.88
A. E. Coffin Press, printing	458.40
Patrick Connors, teaming	638.30
Edward H. Cook, services	25.00
Frederick B. Cook, care of office	36.00
T. W. Cook, sup't, disbursements	83.04
T. W. Croacher, lumber	24.14
C. F. Cushing, repairs	.35
W. F. Desmond, lumber	57.29
Fairfield Lawn Swing Co., swings	204.00
Gray & Sullivan, band music	40.00
C. A. Gray & Co., freight and carting	104.10
W. A. Greenough & Co., directory	4.00
Hatch & Co., express charges	7.70
F. B. Hathaway, moving building	71.98
R. J. Hight, subscription	1.00
H. S. Hutchinson & Co., stationery, etc.	12.06
Henry F. Jenks, fountains	60.00
W. L. Kelley, badges and clock repairs	14.00
Joseph T. Kenney, Trustee, land rent	150.00
Knight & Thomas, fire extinguishers	87.00
Masonic Building Association, rent	250.00
Mercury Publishing Co., advertising	6.88
Mercury Publishing Co., subscription	6.00
Municipal Journal and Engineer, subscription	3.00
C. H. Murphy & Son, use of team	500.00
Narragansett Machine Co., apparatus and repairs	101.00
N. B. Dry Goods Co., flags	6.50
N. B. Emergency Hospital, services	1.00
N. B. Gas & Edison Light Co., lighting	506.41
N. B. Gas & Edison Light Co., posts	59.70
N. Y., N. H. & H. R. R. Co., freight	62.38
F. W. Oesting, gravel and loam	132.10
F. W. Oesting, stone steps	212.25
Onset Water Co., hydrants	8.00

AUDITOR'S ACCOUNT.

E. T. Packard & Co., wire fence	87.30	
H. B. Remington, use of team	88.80	
George D. Richards, ball bases	8.00	
James Slater, flags	18.50	
Smith Brothers, empty barrels	2.00	
H. McB. Smith, labor	.80	
C. R. Sherman & Son, fitting lock	.50	
So. Mass. Telephone Co., service and tolls	115.95	
Steiger, Dudgeon Co., flag	8.98	
F. A. Stowell, dirt	50.40	
Sullivan & Markey, binding	75.00	
R. W. Taber, books and stationery	17.02	
J. M. Thorburn & Co., tubs	7.50	
Joseph G. Tirrell, photographs	93.00	
Frank S Tripp, use of pump	17.00	
Union Street Railway Co., car tickets	10.00	
Abbie B. White, rent	5.00	
Wood, Brightman & Co., heating plant	268.00	
R. H. Woodhouse, care Triangle park	50.00	5,749.95
		<u>\$44,999.25</u>
To transfer to balance		20.00
		<u>\$45,019.25</u>

CR.

By appropriation	\$20,000.00	
By special appropriation	25,000.00	
Receipts as per Treasurer's reports	19.25	<u>\$45,019.25</u>

POLICE DEPARTMENT.

DR.

Pay rolls :		
Officers, patrolmen, housekeepers, etc.		\$106,812.15
Reserve police	\$5,245.30	
Special police	674.60	5,919.90
Committing prisoners :		
Lemuel D. Adams	130.70	
James A. Wixon	13.78	144.48

AUDITOR'S REPORT.

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Fuel :

City Mission, Industrial Department	22.50	
Denison Bros. Co.	401.80	
David Duff & Son	486.97	911.27

Personal services :

Sarah V. Brownell, matron	28.00	
E. W. Dehn, M. D.	5.00	
Manuel F. George, Jr.	472.00	
H. B. Hamilton	7.50	
Holder C. Kirby, M. D.	10.00	
W. G. Potter, M. D.	10.00	
J. P. St. Germain, M. D.	10.00	
Eleanor E. Smith, assistant matron	13.50	
Edward T. Tucker, M. D.	21.00	
Henry N. West, clerk	981.63	
James L. Wilber, keeper of lockup	100.00	1,658.63

Police signal system :

Geo. J. Allen & Co.	33.39	
H. T. Allen	22.95	
American Steel & Wire Co.	32.00	
William Baylies	83.15	
Wm. P. Briggs	43.15	
F. S. Brightman Co.	118.69	
Geo. L. Brownell's Estate	674.20	
Wm. Cronin & Co.	250.50	
W. E. Decrow	304.81	
Henry H. Dews	64.50	
George J. Dodge	4.70	
Mitch H. Gagner	115.23	
General sewers	3.44	
Charles F. Gifford	590.00	
Thomas B. Gifford	71.95	
Greene & Wood	.40	
J. Frank Kirk	83.16	
A. J. Manchester	60.50	
N. B. Teaming Co.	48.29	
Weston Electrical Instrument Co.	5.70	
Whitlow Corp.	35.75	2,646.46

Stock and labor :

Almy & Hitch	32.95
Wm. H. Caswell	87.03

Coggeshall, Maxfield & Co.	7.73	
Geo. A. Eggers	2.45	
Joseph Garratt	3.50	
Thomas M. Hart & Co.	221.73	
D. L. Hathaway & Son	88.80	
James G. Hellyer	4.54	
Perry P. Jenney & Son	48.05	
John J. Meaney	1.49	
N. B. Boiler & Machine Co.	6.75	
N. B. Gas & Edison Light Co.	18.67	
Pairpoint Corp.	7.50	
E. F. Penney	3.28	
C. R. Sherman & Son	5.00	
Manuel E. Sylvia	1,256.35	
E. G. Watson	11.45	1,807.30

Supplies :

Amyl-Kijo Chemical Co.	8.50	
G. W. Auger & Co.	7.50	
Bliss & Nye	19.31	
Boston Beef Co.	128.66	
Sarah M. Brownell	99.90	
John Chicoine	5.70	
Driscoll, Church & Hall	10.80	
Frank M. Douglass	.25	
D. Evans & Co.	11.25	
D. B. Folger	76.19	
C. H. & H. A. Lawton Co.	11.23	
C. W. Lerner & Co.	19.50	
Murry & Tregurtha Co.	4.00	
Nuttall's Pharmacy	28.95	
Wm. F. Nye	34.72	
John V. O'Neil	2.05	
Partridge & Co.	1.25	
Geo. E. Perkins	5.00	
Geo. D. Richards	3.00	
Schuler Bros.	6.40	
Geo. Thomas	67.00	
Chas. H. Tripp	23.40	
West Disinfectant Co.	31.50	
Wood, Brightman & Co.	10.17	\$816.23

Miscellaneous:

E. Anthony & Sons, advertising	19.42
E. Anthony & Sons, subscription	6.00
Isaac L. Ashley, carriage hire	2.00
Automatic Telephone Co., rental and tolls	101.00
Bartholo & Co., advertising	6.30
Geo. L. Briggs, newspapers	19.40
F. S. Brightman Co., twine	.10
Arthur T. Brooks, services	4.00
T. L. Brown, services	5.00
C. H. Brownell & Son, shovels	.35
Geo. L. Brownell's Estate, clubs	18.20
Geo. L. Brownell's Estate, ambulance	595.00
Sarah M. Brownell, labor and laundry	22.69
City Steam Laundry, laundry	43.53
A. E. Coffin Press, printing	9.85
W. H. Collins & Co., book	7.50
Cook & Palmer, rent	16.67
Correio Portugues, advertising	7.50
Peter Deleurers, carting	4.00
D. H. DeMoranville, freight and carting	2.85
George E. Gendron, inspector, expenses	49.35
W. A. Greenough & Co., directory	28.00
Handy Telephone Index Co., index	1.00
Hatch & Co., express	5.80
Franklin L. Hathaway, inspector, expenses	20.10
Mary A. Henderson, labor	15.00
Hillman, Washburn & Co., hardware and sundries	32.33
Household Furniture Co., chair	7.50
H. S. Hutchinson & Co., law book	8.00
Ira Johnson Co., badges	5.16
Kirby & Hicks, carriage hire	.50
L'Independant Publishing Co., advertisement	2.60
Henry W. Mason, chief, disbursements	141.27
A. D. McMullin, carting	15.00
Mercury Publishing Co., advertising and printing	46.42
Mercury Publishing Co., subscription	6.00
Murry & Tregurtha Co, engine	1,074.62
Ira S. Negus, labor	96.00
N. B. Emergency Hospital, service	16.25
N. B. Gas & Edison Light Co., lighting	623.40

AUDITOR'S REPORT.

N. B. Steam Carpet Beating Est., cleaning	1.80	
N. B. Teaming Co., carting	1.76	
N. Y., N. H. & H. R. R. Co., freight	4.52	
Parson's Steam Laundry Co., laundry	3 25	
Arthur Roy, carting	4.00	
J. V. Spare Dry Goods Co , bedding	20.57	
So. Mass. Telephone Co , service and tolls	161.32	
Sullivan & Markey, binding	3.00	
D. J. Sullivan, repairs	.90	
M. C. Swift & Son, lace, and uniform repairs	32.25	
Robert W. Taber, stationery supplies	89.89	
Vial & Cook, rent	183.37	
Wendell, Fay & Co., uniform cloth	348.06	
Chas. F. Wing, furniture and repairs and bedding	28.03	
Robert Woolfenden, laundry	107.10	\$4,075 00
		<u>\$124,591.42</u>
To transfer to balance		185.21
		<u>\$124,776 63</u>

CR.

By appropriation	\$118,000.00	
By transfer from unappropriated funds	4,800.00	
Receipts as per Treasurer's reports	6,976.63	<u>\$124,776 63</u>

POOR DEPARTMENT.

DR.

Almshouse:

Almshouse help, wages	\$10,183.16
Acushnet Co-operative Association, groceries and provisions	1,859.55
F. T. Akin & Co., paint supplies	116.92
Annin & Co., flags	6.75
E. Anthony & Sons, subscription	6.00

AUDITOR'S REPORT.

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E. C. Ashley, wood and sawdust	243.11
Isaac L. Ashley, horse hire and keeping	52.00
Ashley & Peirce, clothing and furnishings	74.85
Automatic Telephone Co., service and tolls	42.00
Babbitt, Wood & Co., valve and packing	8.86
John W. Bannister, meats	696.02
John B. Baylies, furniture, brushes and carpets	173.82
William Baylies, flour, grain and groceries	1,287.42
H. A. Blackmer, medical and surgeons' supplies	22.95
James E. Blake, seed	19.33
Bernheim Distilling Co., liquor	121.25
Bliss & Nye, crockery, glass, etc.	96.60
H. T. Borden & Co., wood	57.45
Bowman & Co., tobacco and rice	435.51
Bristol-Myers Co., chemicals	54.00
Geo. L. Brownell Estate, carriage repairs	112.65
Chas. O. Chartier, drugs, etc.	.85
C. W. Chase, fish and meats	484.84
A. E. Coffin Press, printing	17.60
Thomas W. Croacher, lumber	334.54
Edward F. Dahill, cobbler's supplies	23.64
C. Dantsizen, renovating	22.00
J. Davis & Co., shoes and rubbers	187.65
Denison Bros. Co., coal	1,943.66
Denison Plummer Co., grain	86.63
DeWolf & Vincent, bells, straps and tools	7.50
James S. Dick, dry goods	223.74
H. L. Donaghy, blacksmithing	45.50
Thomas Donaghy, footwear and findings	167.50
F. M. Douglass, drugs and medicines	165.65
Driscoll, Church & Hall, groceries	537.24
David Duff & Son, coal	1,185.72
Fichtenmayer & Flynn, blacksmithing	215.44
Fire Department, hose and manure	225.00
Horace A. Fitch, stock and labor	56.75
P. M. Frank Co., disinfectant	95.25
F. A. Frates, harness repairs and furnishings	315.80
Elmer B. Gay, freight and carting	3.50
Greene & Marshall, stock and labor	77.49

Greene & Wood, lumber	82.87
Chas. A. Gray & Co., carting	.75
W. A. Greenough & Co., directory	4.00
Jonathan Handy Co., hardware and tools	7.49
T. M. Hart & Co., cordage	2.80
Haskell & Tripp, couch cover	1.19
Hatch & Co., express	6.15
Hathaway & McKenzie Grain Co., grain	65.00
L. J. Hathaway, shafts	2.00
Thos. Hersom & Co., soap and oil	26.78
Wm. M. Higham, drugs and chemicals	149.24
Hillman, Washburn & Co., hardware and tools	133.00
Gilman E. Hook, labor	186.11
Household Furniture Co., shades	2.40
Henrietta Humphrey, services	65.00
Jenney & Buffington, oven repairs	39.42
Wm. L. Kelley, clocks and spectacles	25.30
Joseph P. Kennedy, ruberoid	4.00
J. Frank Kirk, grain	120.65
C. E. Lawrence, painting	52.80
C. H. & H. A. Lawton Co., chemicals, and medical supplies, syringes, etc.	115.80
Joseph Lemo, Jr., stock and labor	204.67
Frederick Macy, dressing	10.00
Roland Macy, stock and labor	3.70
Michael McNamee, labor	36.16
Mercury Publishing Co., subscription	6.00
E. L. Moriarty & Co., drugs and chemicals	262.18
T. J. Moriarty, painting	97.79
John N. Morris, labor	658.00
Edward Murphy, stock and labor	218.13
Edgar A. Murray, roach killer	5.00
Nelson Bros., whitewashing	144.00
N. B. Gas & Edison Light Co., lighting	938.69
N. B. Gas & Edison Light Co., fixtures and labor	2.21
N. B. Teaming Co., freight and carting	20.79
John Notter, seed	80.85
John V. O'Neil, stock and labor	63.85
Charles S. Paisler, cement and plaster	45.55
Pease & Dandurand, medical supplies	9.85
J. E. Pease, extracting teeth	6.00

AUDITOR'S REPORT.

99

S. S. Peckham, seed	30.65	
George Peirce, organ repaired	1.25	
E. F. Penney, tinware	99.55	
G. & L. Poisson, clothing and furnishings	52.25	
Laurent Poisson, clothing	107.25	
W. F. Potter & Co., groceries	922.22	
Rankin & Arnold, piping	103.60	
Wm. H. Rankin, stock and labor	5.94	
Remington Typewriter Co., binder	3.80	
Richmond & Co., hops and malt	20.65	
John H. Robbins, upholstering	113.07	
A. Robinson, tobacco	47.25	
W. A. Robinson & Co., oil	4.00	
Ruggles & Ellison, dry goods	2.50	
Sanatas Company, disinfectant	16.50	
Sanders & Barrows Clothing Co., clothing and furnishings	386.50	
Mortimer Searles, stamp	.60	
C. R. Sherman & Son, stock and labor	79.72	
Frederick A. Shores, fish and meat	996.27	
F. R. Slocum Co., beds and bedding	100.96	
Smith & Murphy, medical supplies	47.13	
So. Mass. Telephone Co., service and tolls	47.65	
J. V. Spare Dry Goods Co., dry goods	413.41	
Steiger, Dudgeon Co., blankets	6.76	
Sullivan & Markey, binding and paper	1.85	
Sulpho Naphthol Co., disinfectant	53.50	
Robert W. Taber, stationery supplies	63.16	
James P. Taylor, drugs and chemicals	383.86	
John Thomas, mowing machine	74.10	
R. R. Topham, clerical services	20.00	
Union St. Railway Co., tickets	50.00	
J. Fred Vaughan, rice and tobacco	274.72	
Hiram Wheaton & Sons, liquor	33.60	
A. G. Wilbor, flour	403.12	
E. Williams, services, chaplain	156.00	
Charles F. Wing, furniture and supplies	48.18	
Mitchell Wing & Co., ink	2.50	
Wood, Brightman & Co., stock and labor	23.54	
F. W. Woolworth Co., crockery and glass	5.65	
A. H. Wordell, hardware, fertilizer and seed	421.06	
W. U. Telegraph Co., telegram	.25	
F. L. Young & Kimball, oil	10.40	\$31,543.32

Burials:

Robert G. Bennett	140.00	
H. B. Buffington	8.00	
Joseph Carrier	74.00	
A. Desautels	39.00	
S. Desautels	15.00	
Vital Girard	68.00	
A. P. Lagasse	43.00	
John E. Moriarty	119.00	
T. J. Murphy	54.00	
W. A. Payette	30.00	
Henry Proulx	16.00	
John Rogers	296.00	
J. D. Sullivan	104.00	
W. C. Vaughan & Co.	38.00	
Joseph S. Williams	376.00	
E. T. Wilson & Son	53.00	
H. P. Wilson	95.00	\$1,563 00

Cities and towns:

Attleboro	107.25	
Boston	122.21	
Bourne	75.57	
Brockton	33.00	
Chelsea	28.75	
Clinton	7.28	
Dartmouth	127.50	
Fairhaven	228.80	
Fall River	42.60	
Fitchburg	7.80	
Freetown	266.50	
Holyoke	13.57	
Malden	5.00	
Mansfield	3.00	
Nantucket	48.00	
Springfield	10.00	
Taunton	99.54	
Worcester	2.00	1,228.37

Grocery orders:

Acushnet Co-operative Association	245.00
George L. Adams	36.00
Allen & Chase	43.50

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A. G. Alley, Jr.	242.00
Joseph Almeida	36.50
J. B. Archer	86.50
Wm. Armitage	117.00
J. B. Ashley, Jr.	99.00
J. C. Austin	24.50
D. W. Baker	79.50
J. W. Bannister	3.00
W. F. Barker	19.50
J. W. Bates & Co.	225.00
Lot B. Bates	238.00
Wm. Baylies	968.50
Wm. H. Bly	6.00
Arthur H. Borden	200.00
Boston Beef Co.	2,690.75
C. A. Bowen	38.00
Braley & Duckworth	133.00
Albert C. Braley	79.50
J. W. Braley, Jr.	106.50
E. T. Brightman	39.50
David Bromley	168.50
C. H. Brownell & Son	1,058.00
Thomas Burgess & Son	61.50
A. M. Burns	46.50
P. J. Carey	6.00
Central Union Association	578.40
William L. Chadwick	86.00
C. W. Chase	123.00
Aldege Chausse	5.00
Joseph Chausse	128.00
John H. Cook	48.00
William B. Cottle	19.50
Coxen & Tripp	86.25
Cushman Bros.	50.00
S. Desautells	24.00
J. D. Desroches	7.50
Driscoll, Church & Hall	2,916.50
J. E. Dwight	100.00
J. B. Fahey	12.00
D. B. Folger	398.00
Chas. E. Fray, Jr.	105.00
Henry Gatie	47.00
William J. Gatie	244.00

D. H. Gauthier	25.50
German & Bohemian Co-operative Association	45.00
A. M. Gifford	12.00
C. J. Gifford	9.00
F. Gonneville & Son	9.00
John Greenwood	5.00
S. Harrison & Son	69.50
Benjamin Hebert	16.50
Mrs. P. Herrity	47.00
William Hindle	26.00
Herbert W. Hirst	207.00
Hotte Bros.	64.50
J. L. Humphrey, Jr.	1.00
William H. Humphrey	18.00
W. F. Jenney	84.00
Jette & Hebert	45.50
Alphonse Keroack	4.50
George Kirby, Jr.	2.00
Mates Krauzler	33.50
Frank Kuliak	3.00
E. Lajeunesse	8.00
Jesse Law	25.50
Lawrence & Dano	74.00
J. Longenvie	17.00
Joseph Lord estate	120.50
John H. Lowe	106.00
W. T. Luce, Jr.	81.50
Mailloux & Tremblay	10.00
James McHugh	25.00
C. E. Mello	34.00
A. Methe	40.00
Methe Bros.	10.00
L. F. Milliken & Co.	791.00
Wm. T. Moncrieff	155.50
Thomas J. Murphy	58.00
Louis Nesson	104.00
N. B. Public Market	136.50
John Notter	76.00
Alfred Nye	84.00
Napoleon Ouimet	1.50
A. E. Perry & Co.	623.00
Reuben Phillips	65.00

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Fidel Pina	6.00	
Charles A. Poirier	37.50	
Joseph Ponte	393.00	
E. L. Potter	40.00	
W. F. Potter & Co.	1,446.50	
J. A. Randall	10.50	
W. F. Raymond	25.50	
J. F. Riley	24.50	
Daniel Robinson	198.50	
J. C. Robertson	132.00	
Peter J. Ryan	156.00	
Samuel Seabury	5.00	
E. S. Silvester	45.00	
E. M. Simenster	6.00	
William Simenster	25.00	
Snell & Simpson	4.50	
So. End Public Market	7.50	
Manuel Souza	4.50	
Geo. B. Stafford	78.00	
A. G. Stanton	22.50	
Sylvia & Andrews	214.50	
O. R. Taber & Son	160.00	
Thompson & Sweeney	134.00	
C. E. Tripp	18.00	
D. K. Tripp	425.00	
T. X. Turgeon	4.00	
Veira & Xavier	10.50	
William Whittaker, Jr.	259.50	
James H. Winslow	26.00	
Woodland Market	78.00	
C. Wolison	7.50	
Wordell Bros.	14.00	
Michael Woytwzewski	9.00	
Thomas Wrigley	229.00	
F. Zimmermann	33.00	\$19,734.90
Physicians and medicines :		
George Barnes	1,020.00	
H. A. Blackmer	47.30	
Browne Pharmacy	1.00	
E. W. Dehn	10.00	
William M. Higham	15.31	
Nuttall's Pharmacy	2 80	

Frank R. Pease	8.30	
L. Forrest Potter	10.00	
E. T. Tucker	1,228.00	
E. M. Whitney	9.00	3,351.71

Salaries :

Ella F. Bucklyn, clerk	800.00	
A. H. W. Carpenter, overseer and secretary	1,000.00	
Charles S. Paisler, overseer	150.00	
William H. Rankin, overseer	150.00	
Antone H. Senna, interpreter	800.00	
Augustus A. Wood, visitor	800.00	3,700.00

State institutions:

Commonwealth of Massachusetts	55.11	
Hospital for Dipsomaniacs and Inebriates	170.92	
Hospital for Epileptics	561.79	
Medfield Insane Asylum	817.80	
School for Feeble Minded	866.78	
Taunton Insane Hospital	2,810.33	
Westborough Insane Hospital	128.13	
Worcester Insane Hospital	42.71	5,453.57

Wood and coal yard :

Almy & Hitch, coal bags	37.12	
Andrew J. Ashley, superintendent	562.50	
Automatic Telephone Co., rental	36.00	
George A. Cobb, wood	243.32	
Coggeshall, Maxfield & Co., plumbing	3.68	
Denison Bros. Co., coal	135.00	
David Duff & Son, coal	1,696.00	
N. P. Hayes, tools	.35	
Highways and streets, carting	974.39	
Perry P. Jenney & Son, tools and fitting	47.25	
Walter F. Jenney, wood	87.08	
Leonard Keene, Jr., wood	23.89	
William A. Perry, sawing wood	.30	
John A. Russell, wood	465.66	
James L. Sherman, wood	26.18	
C. G. Taber, wedges	2.80	
Clarence E. Westgate, wood	93.28	
Eugene White, wood	122.42	\$4,557.23

Miscellaneous :

James T. Almy, spectacles	1.58
Jannano Amaranter, transportation	25.00
E. Anthony & Sons, printing	1.00
E. Anthony & Sons, subscription	6.00
Ashley & Peirce, clothing	16.16
Automatic Telephone Co., rental	60.00
Bliss & Nye, waste basket	1.00
F. P. Bridges & Co., pens	6.00
A. H. W. Carpenter, disbursements	70.73
Church & Hammond, prescription	.25
City Treasurer, cash orders	1,677.00
A. E. Coffin Press, printing	154.25
C. S. & B. Cummings, sundries	3.35
J. Davis & Co., shoes	3.50
Z. B. Davis, labor	.80
Dessell Publishing Co., annotations	2.00
DeWolf & Vincent, casters	.55
John Duff, P. M., stamped envelopes	62.80
Bridget Duggan, nursing	6.00
Horace A. Fitch, electric fan	16.93
Gifford & Co., cap and furnishings	8.80
W. A. Greenough & Co., directory	4.00
N. P. Hayes, tools	1.00
Hobbs & Warren Co., books and blanks	32.50
James F. Hoye, bond	15.00
Charles W. Hurl, spectacles	2.50
Instructive Nursing Association	6.88
Mercury Publishing Co., subscription	6.00
N. B. Emergency Hospital, board	438.41
N. B. Gas & Edison Light Co., fixtures and repairs	6.27
N. B. Steam Carpet Beating Establishment, cleaning carpets	2.50
N. Y., N. H. & H. R. R. Co., mileage	242.27
W. H. & L. F. Peirce, carriage hire	86.20
Franklin M. Rand, record cards	3.00
P. J. Riley, shoes	7.00
A. M. Rogers, agent, transportation	116.75
St. Luke's Hospital, board	1,191.77
St. Mary's Home, board	52.00
Sanders & Barrows Clothing Co., clothing and furnishings	33.50

AUDITOR'S ACCOUNT.

C. R. Sherman & Son, stock and labor	2.80	
F. R. Slocum Co., furniture	20.00	
So. Mass. Telephone Co., service and tolls	88.11	
J. V. Spare Dry Goods Co., furnishing	9.00	
Sullivan & Markey, book binding	73.25	
Robert W. Taber, books and stationery	30.67	
Tanner & Co., automobile service	15.00	
Union Boot & Shoe Co., shoes and rubbers	189.20	
Union St. Railway Co., car tickets	55.00	
U. S. Dental Association, extracting	2.50	
B. H. Waite & Co., rugs	12.41	
E. Williams, transportation	20.70	
Charles F. Wing, chair repairs	2.22	\$4,892.03
		<hr/>
		\$75,029.12
To transfer to balance		3,823.11
		<hr/>
		\$78,852.23

CR.

By appropriation	\$55,000.00	
By special appropriation	14,000.00	
Receipts as per Treasurer's reports	9,852.23	\$78,852.23

PRINTING, BINDING AND STATIONERY.

DR.

F. S. Brightman Co.	\$370.38
Carter's Ink Co.	6.65
A. E. Coffin Press	2,596.45
Hammond Typewriter Co.	2.50
Hobbs & Warren Co.	49.68
H. S. Hutchinson & Co.	8.81
Library Bureau	14.06
Mercury Publishing Co.	1,040.21
Pairpoint Manufacturing Co.	7.50
Joseph Petit, agent	3.00
Remington Typewriter Co.	48.14
Mortimer Searles	4.75
C. R. Sherman & Son	.75

AUDITOR'S REPORT.

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Sullivan & Markey	1,021.50	
Robert W. Taber	173.41	
F. S. Webster Co.	7.25	<u>5,354.84</u>

CR.

By appropriation	\$3,000.00	
By transfer from unappropriated funds	1,700.00	\$4,700.00
Transfer to balance		<u>654.84</u>
		<u>\$5,354.84</u>

PUBLIC BATHS, EAST FRENCH AVENUE.

DR.

Pay rolls		\$552.00
F. T. Akin & Co., lettering sign	.50	
American Steam Laundry, laundry	111.12	
E. Anthony & Sons, advertisement	5.75	
Isaac L. Ashley, land rent	200.00	
Charles D. Beetle, labor and material	23.70	
H. A. Blackmer, bath thermometer	.38	
Blair Sign Co., use of cash register	14.00	
Wm. P. Butler, tools and furnishings	34.00	
Cherry & Co., bathing suits	152.00	
A. E. Coffin Press, printing tickets	10.50	
Thomas M. Hart & Co., chain	2.10	
N. P. Hayes, brooms and tacks	12.05	
Samuel C. Hunt, plans, etc.	36.75	
A. D. McMullen, carting	2.00	
John J. Meaney, labor and material	25.19	
Mercury Publishing Co., advertisement	5.40	
John V. O'Neil, labor and material	22.64	
L. Ouimet & Son, oil and carting	1.20	
Rotch & Potter, insurance	15.60	
Ruggles & Ellison, bathing suits, and flag	128.00	
Smith & Murphy, disinfectant	1.50	
Steiger, Dudgeon Co., towels	33.75	
Robert W. Taber, crayons	.05	
Wood, Brightman & Co., labor	3.60	<u>841.78</u>
		\$1,393.78
To transfer to balance		<u>106.22</u>
		<u>\$1,500.00</u>

AUDITOR'S REPORT.

CR.

By appropriation	\$1,000.00	
By transfer from unappropriated funds	500.00	<u>\$1,500.00</u>

PUBLIC DEBT.

DR.

Principal (bonds) paid	\$129,000.00	
Interest on bonded debt	167,780.00	
Interest on temporary loans	37,407.48	
Interest on trust funds	8,413.54	<u>\$342,601.02</u>
To transfer to balance		7,512.98
		<u>\$350,114.00</u>

CR.

By appropriation	\$322,831.00	
Receipts as per Treasurer's reports	127,283.00	<u>\$350,114.00</u>

PUBLIC SCHOOLS, DOG FUND.

DR.

Almy & Hitch	\$3.90
Edmond E. Baudoin	8.34
P. Black	52.39
Gilbert B. Borden	55.00
C. F. Cushing	1.65
Edward G. Davis	500.00
George J. Dodge	11.65
Crawford L. Dunham	.43
George A. Eggers	15.25
Thomas M. Hart & Co.	51.55
William E. Hatch	300.00
William Hawes	40.00

AUDITOR'S REPORT.

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M. A. Hickey	1.05	
John J. Meaney	4.39	
Samuel Miller	87.50	
Walter Myrick	50.00	
Frank R. Pease	88.25	
Henry T. Phillips	85.00	
F. O. Pollock	.50	
Robert W. Taber	4.00	
Francis Thorley	114.35	
William C. Tilton	.35	
LeRoy G. Tripp	.75	
George P. Underwood	37.00	
William R. West	.50	\$1,513.80
December 5, 1904. To balance		849.20
		<u>\$2,363.00</u>

CR.

December 7, 1903. By balance	\$794.80	
Receipts as per Treasurer's reports	1,568.20	\$2,363.00

CR.

December 5, 1904. Balance		<u>\$849.20</u>
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SCHOOLS, INCIDENTALS.

DR.

Salaries :

William E. Hatch, superintendent and secretary	\$3,961.94	
Emma M. Almy, clerk	609.19	
Clara S. Blake, clerk	520.00	
Lucie G. Booth	221.00	
George K. Dammqn, messenger	975.33	
Lucy Gardner, clerk	36.00	
Sarah D. Ottiwell, clerk	549.00	
Mary C. Potter, clerk	750.45	\$7,622.91

Pay rolls :

Janitors and truant officers	21,991.87
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Books and stationery :

American Bank Note Co.	68.75	
American Book Co.	1,203.70	
E. Anthony & Sons	3.75	
D. Appleton & Co.	27 28	
Atkinson & Mentzer	6 00	
Edward E. Babb & Co.	11.68	
Bailey Mfg. Co.	.72	
C. C. Buchard & Co.	397.68	
A. E. Coffin Press	48.75	
Davis Press	.30	
Oliver Ditson Co.	9.00	
Esterbrook Steel Pen Mfg. Co.	130.50	
Ginn & Co.	1,059 78	
W. A. Greenough & Co.	8.00	
J. L. Hammett Co.	4,955.37	
D. C. Heath & Co.	775.44	
Henry C. Holt & Co.	10.82	
Holden Patent Book Cover Co	1,100.42	
Houghton, Mifflin & Co.	4.90	
H. S. Hutchinson & Co.	20.06	
Kenney Brothers & Wolkins	185.60	
Maynard, Merrill & Co.	148.90	
Mercury Publishing Co.	235.00	
Morgan Envelope Co.	115.00	
Neostyle Co.	9.50	
S. S. Packard	51.20	
Prang Educational Co.	1,165.80	
George P. Putnam's Sons	13.34	
Remington Typewriter Co.	110.03	
Benjamin H. Sanborn & Co.	957.65	
Scott, Forseman & Co.	18.60	
Sibley & Co.	3.12	
Silver, Burdett & Co.	12.00	
Parker P. Simmons	10.42	
Sullivan & Markey	147.35	
Robert W. Taber	134.25	
Thompson, Brown & Co.	426.27	
William Wood & Co.	60.50	\$13,647.43

Fuel :

Acushnet Saw Mill	4.00
Merton B. Ashley	116.43

AUDITOR'S REPORT.

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H. T. Borden & Co.	13.00	
City Mission	10.50	
Patrick Connors	56.03	
Denison Brothers Co.	7,045.76	
David Duff & Son	8,066.82	
Thomas H. Fuller	9.00	
Gibbs & Fuller	3.90	
George P. Grant	3.50	
David Hutchings	34.50	
John N. O'Brien	140.50	
A. A. Tripp	13.50	
Clarence E. Westgate	12.75	15,531.60
Furniture, furnishings and repairs:		
American School Furniture Co.	247.94	
Bay State Chair Co.	26.40	
Chandler Adjustable Chair and Desk Co.	200.60	
Household Furnishing Co.	62.67	
Kenney Bros. & Wolkins	517.25	
N. B. Furniture Co.	58.75	
F. R. Slocum Co.	102.60	
Charles F. Wing	427.50	1,673.71
Janitors' labor, laundry and sundries :		
Robert Arnett	15.84	
John R. Barbour	14.29	
Samuel S. Broadbent	32.38	
Phylander Chace	33.25	
William Clarke	11.34	
W. J. Cochrane	31.49	
T. Crowley	16.96	
E. H. Field	19.40	
Henry M. Gifford	18.15	
James T. Heron	10.15	
Thomas C. Holmans	22.35	
Edwin Jones	6.99	
Edward I. Lawrence	27.03	
Hiram T. Lumbert	95.98	
John Lumbert	19.03	
Robert J. Moncrieff	20.48	
John H. Murphy	10.50	
Henry T. Phillips	17.50	
J. F. Pierce	13.19	

F. O. Pollock	93.80	
John H. Rudge	18.64	
Edwin S. Tallman	16.93	
W. C. Tilton	1.61	
Leroy G. Tripp	10.02	
James A. Wood	6.00	
William Woolfenden	8.15	591.45
Labor and material :		
James B. Athearn	1.30	
Willard B. Bennett	30.90	
George A. Bosworth	249.08	
William P. Briggs	239.95	
Charles O. Brightman	10.50	
Stephen J. Cassidy, Jr.	23.30	
Charles F. Chace	20.52	
A. B. Crowell	41.67	
Edward G. Davis	16.90	
W. F. Desmond	4.50	
George J. Dodge	.30	
C. L. Dunham	21.44	
Fichtenmayer & Flynn	.40	
Horace A. Fitch	.50	
Henry Harlow	4.73	
George E. Hatch	60.40	
D. L. Hathaway & Son	78.75	
Hillhouse & Taylor	144.57	
Perry P. Jenney & Son	11.14	
Charles F. Keen	28.47	
Kern & Wright	2.00	
Harry H. Kimball	3.65	
John Larma, Jr.	1.50	
H. C. Lawton	3.00	
Joseph S. Lewis, Jr.	1.50	
John J. Meaney	22.50	
N. B. Gas & Edison Light Co.	111.63	
E. F. Penney	4.30	
William H. Rankin	.60	
C. R. Sherman & Son	21.00	
Frank B. Sistare	3.80	
Tanner & Co.	1.50	
Whitlow Corporation	35.75	
Benjamin F. Williams	6.10	1,208.15

Rents :

G Co., Naval Brigade, M. V. M.	8.00	
John W. Considine	80.00	
W. B. Cross	77.50	
M. A. Hickey	800.00	
High School Cadets	15.00	
John H. Lowe	400.00	
Thomas J. Meaney	1,200.00	
Parker & Genensky	440.00	
So. Primitive Methodist Church	114.76	2,635.28

Supplies :

F. T. Akin & Co.	3.20
A. Apelquest	.80
Au Bon Marche	1.88
D. W. Baker	1.59
Bliss & Nye	204.20
C. T. Bosworth & Co.	.40
Milton Bradley Co.	.62
William P. Briggs	2.60
C. H. Brownell & Son	167.06
E. C. Brownell	.75
William P. Butler	24.04
Carlisle & French Co.	4.75
Mabel W. Chandler	2.58
Chandler & Barker	4.63
Central Union Association	1.62
Coffin Brothers	7.25
Crockett & Swindell	1.25
C. S. & B. Cummings	6.48
C. F. Cushing	4.18
Fred C. Dawe & Co.	6.80
DeWolf & Vincent	197.83
Frank M. Douglass	9.30
Driscoll, Church & Hall	33.75
C. L. Dunham	53.60
George B. Frazar	41.30
Edward S. Haskell	1.80
N. P. Hayes	1.50
Thomas Hersom & Co.	56.65
Hillman, Washburn & Co.	17.64
William R. Hoxie	14.30
Perry P. Jenney & Son	13.16

Kenney Brothers & Wolkins	55.33	
Edwin R. King	40.88	
L. E. Knott Apparatus Co.	29.18	
J. P. Leonard	2.03	
Abram Mendelson	9.30	
L. E. Milliken & Co.	1.00	
E. L. Moriarty & Co.	2.00	
N. B. Ice Co.	3.14	
N. B. Public Market	1.50	
Neostyle Co.	2.91	
Nuttall's Pharmacy	.86	
William F. Nye	1.65	
Pairpoint Corporation	11 10	
Frank R. Pease	.90	
G. & L. Poisson	17.20	
C. G. & G. A. Randall	193.73	
George D. Richards	665.34	
Ruggles & Ellison	46.59	
Frederick A. Shores	5.54	
Smith & Murphy	140.26	
J. V. Spare Dry Goods Co.	3.58	
Steiger, Dudgeon Co.	3.63	
Sylvia & Andrews	.63	
M. L. Sylvia	6.55	
George S. Taber	.90	
George Thomas	6 45	
A. T. Thompson & Co.	15.42	
Benjamin R. Tillson	115.25	
Wadsworth, Howland & Co.	2 24	
Washaway Mfg. Co.	35.00	
William R. West	14.00	
White & Fairchild	2 50	
Henry P. Willis	5.00	
Charles F. Wing	.38	
Wood, Brightman & Co.	8.00	2,336.98

Miscellaneous ;

Allen's Express, charges	11.20
James T. Almy, instruments	15.00
E. Anthony & Sons, advertising and printing	169.84
E. Anthony & Sons, subscription	6.00
Automatic Telephone Co., rentals	10.00

AUDITOR'S REPORT.

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Mabel F. Barbour, laundry	1.35
Edmond E. Baudoin, services	35.00
C. J. Becker, engrossing	19.20
Lucy C. Bedlow, services	4.00
O. H. Benoit, clock repairs	1.50
J. Franklyn Bertram, carriage hire	7.50
Julius Borges, services	24.00
Wilson R. Butler, disbursements	10.55
Central School Supply House, maps	100.00
Mabel W. Cleveland, services	22.00
A. E. Coffin Press, printing	701.85
Samuel H. Cook, boiler insurance	50.00
N. B. Crapo, labor	4.88
George K. Dammon, disbursements	19.12
Eastern Audit Co., services	318.58
Favor, Ruhl & Co., metal wheel	2.62
Lucy Gardner, services	10.00
Harriet H. Gilman, use of tables	1.25
C. A. Gray & Co., freight and cartiug	103.80
Helen L. Hadiey, services	18.00
C. Hammond & Son, plans	20.00
John N. Hammond, transportation	315.20
Haskell & Tripp, towels, etc.	13.74
Hatch & Co., express charges	43.80
William E. Hatch, disbursements	13.71
James F. Hoye, boiler insurance	50.00
H. A. Jahn, decorations	19.00
William A. Jennings, carting	456.88
Perry P. Jenney & Son, use of tower	3.85
Clarence E. Jones, orchestra	18.00
William L. Kelley, clocks and repairs	13.75
Kirby & Hicks, carriage hire	1.00
Knight & Thomas, fire extingisher	13.50
John J. Leal, ladder	1.75
L'Independant Pub. Co., advertising	29.75
Mary McAuliffe, laundry	18.20
Mercury Publishing Co., advertising and printing	234.57
Mercury Publishing Co., subscription	6.00
Mary E. Morton, transportation	18.15
John H. Murphy, labor	10.00
Mrs, John H. Murphy, laundry	30.38
N. B. Co-operative Express, charges	14.60

AUDITOR'S REPORT.

N. B. Gas & Edison Light Co., lighting	1,087.45	
N. B. Gas & Edison Light Co., power	548.73	
N. B. Steam Carpet Beating Est., cleaning	49.83	
Neostyle Co., fixture	1.80	
O Correio Portuguez, advertising	15.00	
Frank R. Pease, repairs	5.00	
Thomas Raymond, services	25.00	
Remington Typewriter Co., exchange	89.00	
A. A. Sanborn, shaker handle	2.50	
Mortimer Searles, stamps, pads and repairs	6.07	
Sherman & Perry, carriage hire	22.60	
Allen Smith, Jr., carriage hire	9.00	
Smith Premier Typewriter Co., machine and supplies	200.95	
So. Mass. Telephone Co., service and tolls	71.46	
Charles F. Spooner, drum and piano tuning	10.00	
Carl Strauss, pencil pointers	43.80	
D. J. Sullivan, clock repairs	1.75	
Swain Free School, apparatus and chemicals	200.00	
Joseph G. Tirrell, photographs	88.00	
J. T. Tobey, clock,	5.90	
Underwood Typewriter Co., machine	55.00	
Union Street Railway Co., car tickets	291.50	
Robert Woolfenden, towel supply	15.15	
Susie Woolfenden, laundry	24.45	5,833.01
		<u>\$73,072.46</u>
To transfer to balance		3,928.99
		<u>\$77,001.45</u>
 CR.		
By appropriation	\$60,000.00	
By special appropriation	17,000.00	
Receipts as per Treasurer's reports	1.45	\$77,001.45

PUBLIC SCHOOLS, PAY OF TEACHERS.

DR.

High school :

Wilson R. Butler	\$3,000.00	
William E. Sargent	1,900.00	
Charles R. Allen	1,791.00	
Charles T. Bonney, Jr.	1,600.00	
Edwin H. Harris	1,500.00	
Robert M. Brown	262.50	
Wesley A. O'Leary	937.50	
Lydia J. Cranston	1,000.00	
Amy S. Rhodes	1,000.00	
Elizabeth P. Briggs	65.00	
Mary E. Austin	1,000.00	
Lucretia N. Smith	1,000.00	
Helen L. Hadley	1,000.00	
Mabel W. Cleveland	955.00	
Mary C. Wiggin	1,000.00	
Adah M. Tasker	935.00	
Emma K. Shaw	300.00	
Ethel O. Blanpied	300.00	
Albert M. Rollins	300.00	
Lena M. Newcastle	1,000.00	
Edmond E. Baudoin	350.00	\$21,196.00

GRAMMAR SCHOOLS.

Fifth street :

Allen F. Wood	\$1,900.00	
Lydia A. Macreading	750.02	
N. Emma Slack	675.08	
Sarah E. Stoddard	675.19	
Mary W. Leymunion	625.19	
Annie C. Hart	437.55	
Mary A. Kane	625.19	
Grace L. Carver	625.19	
Lottie M. Allen	615.19	
Florence M. Ellis	435.55	
Anna C. Rogers	332.42	
Lila B. Lewis	116.28	
Nettie S. Baker	187.50	
Clara E. Sherman	31.24	
Alice A. Sanborn	156.25	\$8,187.82

Middle Street:

Elwyn G. Campbell	1,900.00	
Lucy B. Fish	746.27	
Lucy F. Winchester	744.02	
Anastasia O'Keefe	632.12	
Etta M. Abbott	675.19	
Regina M. Paull	625.19	
Clara S. Vincent	625.19	
Helen McCoy	623.63	
Lizzie E. Omev	625.19	
Julia C. Gifford	621.19	
Elizabeth D. Hicks	606.69	\$8,424.68

Parker Street:

Arthur F. Gilbert	1,890.50	
Katherine Haley	750.02	
Gertrude M. Flanigan	750.02	
Daisy M. Butts	669.19	
Belle W. Burt	675.19	
Mary L. Pettey	185.94	
Emily A. Delano	625.19	
A. Mabel Drew	625.19	
Louise E. Hicks	615.19	
Lillian T. Thomas	605.19	
Rose M. Meaney	625.19	
S. Agnes Holmes	625.19	
Marie Clifford	627.13	
Helen C. Hervey	621.94	
Jane E. Conway	565.94	\$10,457.01

Robert C. Ingraham :

Alice C. Munsey	\$1,900.00
Harriet M. True	750.00
Elizabeth M. Briggs	671.19
Agnes M. James	675.19
Mary A. Macy	263.22
Cora B. Cleveland	623.19
Anna E. Van Allen	427.55
Annie L. Murkland	625.19
Anna H. Bartlett	621.63
Helen T. Maxfield	625.19
Mary A. Lee	611.19
Elva A. Fellows	625.19
Margaret E. Balcom	62.48

AUDITOR'S REPORT.

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Lula M. Bennett	607.44	
Laura M. King	489.56	
Annie R. Keith	516.94	
Mary E. Kane	427.50	
Lizzie M. Stow	284.65	
Anna C. Rogers	117.14	
Ethel M. Rogers	17.87	
Alice T. Nudd	108.00	
Lucy M. White	156.26	
Laura B. Fuller	63.36	\$11,269.93

John H. Clifford:

Edward B. Gray	1,900.00	
Emma A. McAfee	750.02	
Lillian E. Page	673.38	
Lizzie A. Nickerson	625.19	
Emma A. Eaton	359.45	
Flora M. Corwin	431.29	
Susan Gifford	590.19	
Rachel M. Wordell	622.07	
Louise M. Newhall	621.19	
Mary G. LaPlante	622.07	
Mabel F. Alden	609.19	
Mary O. Lamb	437.55	
Carrie J. Hunt	519.81	
Mary L. Killigrew	152.52	
Laura B. Fuller	226.85	
Florence M. Ellis	187.64	\$9,328.41

PRIMARY SCHOOLS.**Acushnet Avenue :**

Sarah E. Kirwin	930.00	
Caroline S. Silva	625.19	
Julia M. Pilling	625.19	
Lida J. Brightman	625.19	
Sylvia W. Paulding	615.59	
Katherine O'Connell	625.19	
Alice A. Taylor	625.19	
Eudora K. Barry	616.94	
Gertrude L. Corish	563.94	
Mary E. Goggin	571.94	
Harriet L. Cornell	613.90	
Lucy W. Howland	489.06	9,707.67

Isaac W. Benjamin :

Jane E. Gilmore	900.00	
Nellie W. Davis	611.53	
Mary F. Livingston	625.19	
Emma L. Gartland	625.19	
Laura C. McCabe	624.39	
Sophie T. Anthony	583.55	
Florence M. Anthony	620.43	
Cecilia A. Deane	622.07	
Ethel Bliss	625.19	
Annie J. Chase	620.38	
Bessie M. Noland	550.69	
Florence E. Moore	519.93	
Carolyn B. Sylvia	505.31	
Frances A. Sequeira	484.88	8,518.23

Cedar Grove Street :

Agnes J. Dunlap	883.45	
Mary R. Dalton	625.19	
Mary F. Staples	624.39	
Kate Sweet	468.19	
Alice P. Winchester	622.07	
Gertrude H. Poole	618.79	
Sara Peckham	625.19	
Harriet A. Taylor	622.07	
Mary P. Brownell	625.19	
Grace W. Dillingham	625.19	
Mary E. Boardman	625.19	
Minnie H. Smythe	618.79	
Mary W. Snow	625.19	
Mary I. McCormick	621.99	
Ethel E. Clapp	590.19	
Julia A. Ellis	171.87	9,592.94

Cedar Grove Street Kindergarten :

Anna Hill	408.00	
Irene M. Bassett	550.00	958.00

Cedar Street :

Annie G. Brawley	750.00	
Mabel L. Hathaway	623.63	
Ruth M. Tripp	625.19	
Esther W. Paul	625.19	
Madeline Gregg	625.19	3,249.20

AUDITOR'S REPORT.

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Cedar Street Kindergarten :

Ada S. Blake	60.50	
Susan F. Haskins	515.00	575.60

Cannonville:

Adelaide J. McFarlin	675.19	
Florence A. Poole	625.19	1,300.38

Clark Street:

Grace W. Russell	722.98	
Lucy S. Leach	590.83	
Isabella Luscomb	625.19	
Annie S. Ray	625.19	
Harriet J. Thorpe	625.19	
Mary E. Bumpus	622.07	
Hannah E. Norton	234.49	
Lottie S. Christopher	291.38	4,337.27

Dartmouth Street :

Isadore F. Eldridge	795.20	
Sarah F. Pratt	625.19	
Annie F. Smith	430.35	
Nellie H. Cook	625.19	
Nellie L. Foster	618.79	
Carrie W. Bliss	605.99	
Jeannette B. Fuller	605.19	
Carolyn S. Jones	625.19	
Alice B. Church	187.64	5,118.73

George H. Dunbar :

M. Eva Schwall	779.20	
Grace H. Potter	616.43	
Alice J. Lawrence	625.19	
Helen G. Malley	613.99	
Angela F. Bowie	607.63	
Mary V. Perry	621.90	
Jennie A. Murphy	625.19	
Mary E. Ferrell	565.19	5,054.81

Thomas A. Greene :

Annie L. Macreading	800.02	
Sarah E. Sears	623.59	
Caroline E. Bonney	625.19	

Bertha C. Hathaway	623.59	
Nellie E. Ashley	623.63	
Louise C. Loughlin	571.94	
Mary E. Durfee	570.75	
Bessie M. Harwood	510.62	4,949.33
Thomas A. Greene Kindergarten;		
Josephine H. Cobb	556.00	
Ethel S. Gibbs	542.00	1,098.00
Sylvia Ann Howland :		
Marion H. Swasey	692.32	
Mary J. Graham	331.73	
Helen J. Kirk	617.19	
Helen L. Corish	625.19	
Esther L. Karcher	470.77	
Jennie M. Deacon	142.50	2,869.70
Horatio A. Kempton :		
Bessie P. Peirce	750.00	
Edith M. B. Taber	625.19	
Clara L. Bennett	621.19	
Alice E. Jenney	625.19	
Charlotte G. Tourtelotte	613.74	
Amelia A. Murray	621.94	3,857.25
Merrimac Street :		
Harriet S. Damon	750.00	
Adelaide West	625.19	
Anna I. Dexter	618.66	
Margaret T. Kane	625.19	
Mary F. McIntyre	586.60	
Alice G. Lloyd	489.62	3,695.26
Phillips Avenue :		
Carrie E. Footman	790.42	
Helen I. Boyd	621.99	
Mary E. Peckham	60.26	
Edith W. Pratt	437.55	
Edith A. Austin	625.19	
Grace B. Gardner	613.99	
Alice B. Church	421.20	
Harriet P. Brownell	261.24	

AUDITOR'S REPORT.

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Elsie M. Isherwood	489.56	
Josephine C. Yates	445.65	
Laura H. Wilde	142.53	
Mary Bryant	142.50	
Julia V. Tresham	372.87	5,424.95

William H. Taylor:

Mary E. McAuliffe	800.00	
Carrie M. Leavitt	625.19	
Ada M. Pettee	436.75	
Adelaide M. Cota	595.97	
Mary E. Gleason	437.55	
Elizabeth J. Hurley	614.74	
Elizabeth C. Carter	604.68	
Mary A. Horan	550.69	
May B. Jason	142.50	
Myrtilla G. Sequeira	142.50	4,950.57

Thompson Street:

Lila D. Hayne	798.00	
Sarah A. Winslow	623.63	
Florence A. Howland	625.19	
Emily W. Davis	624.39	
Bertha E. Jenney	625.19	
Annie B. Lyon	623.59	
Catherine A. McGuinness	625.19	
Mary E. Cunningham	589.69	
Ethel M. Rogers	466.03	5,600.90

Mary B. White:

Mary E. Pasho	700.00	
Annie E. Pearce	623.50	
Clara C. M. Gage	625.19	
Margaret H. Holmes	625.19	\$2,573.88

UNGRADED SCHOOLS.

North Mill :

Alice T. Corrigan	617.86	617.86
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South Mill :

Lucy J. Remington	673.51	
Ruby M. Tripp	625.19	1,298.70

Acushnet :		
Annie C. Maxfield	337.50	
Sarah A. Russ	734.56	
Naomi A. Turner	625.19	
Lucie White	622.07	
Marion H. Dexter	295.69	2,615.01
North :		
Mary I. Ashley	600.00	600.00
Rockdale :		
Lizzie M. Fisher	700.00	
Alice P. Terry	623.63	1,323.63
Plainville :		
Emma G. Casey	600.00	\$600.00

HARRINGTON NORMAL AND TRAINING SCHOOL.

Cora A. Newton	\$1,900.00
Mary E. Trask	1,140.00
Carolyn D. Wood	1,200.00
Kate Moore	671.82
Madeline Gile	675.19
Mary A. Days	625.02
Annie B. Gidley	476.76
Hattie L. Shafter	641.46
May Johnson	675.19
Harriet P. Brownell	8.00
Mary Bryant	6.40
Charlotte S. Christopher	8.00
Jennie M. Deacon	6.40
Marion H. Dexter	6.40
May B. Jason	8.00
Mary E. Kane	8.00
Mary L. Killigrew	8.00
Myrtilla G. Sequeira	8.00
Lizzie M. Stowe	8.00
Julia V. Tresham	7.60
Laura H. Wilde	7.20
Josephine C. Yates	8.00
Ruth D. Beetle	138.40

AUDITOR'S REPORT.

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May U. Bruce	142.40	
Gertrude M. Cunningham	146.80	
Helen D. Mills	143.60	
Jennie L. Forsyth	134.00	
Jeannette Greer	144.00	
Charlotte A. Higham	137.60	
Ella R. Hillman	140.80	
Ellen A. Hurley	144.40	
Alice W. Lowther	134.80	
Ada Moorhouse	138.40	
Sadie M. Moulton	147.60	
Augusta W. Pittman	139.60	
Lizzie A. Peirce	152.40	
Mary M. Sullivan	142.80	\$10,231.04

SPECIAL TEACHERS.

Fred'k H. Butterfield	\$1,886.75	
Lucy C. Bedlow	1,327.50	
Edwin R. King	1,600.00	
Mabel W. Chandler	663.00	
Lois A. Leonard	730.00	
Lila B. Lewis	455.13	
Lena M. Willis	665.00	
Gertrude H. Leonard	547.25	
Emma S. Y. Alley	529.36	
Dora D. Parker	448.28	\$8,854.27

EVENING HIGH SCHOOL.

William E. Sargent	270.00	
Edwin H. Harris	189.00	
Charles R. Allen	178.50	
Lois A. Leonard	108.00	
Rudolph Lucas	32.00	
Lillian R. Davenport	53.00	
Gertrude M. Flanigan	42.00	
Robert Townsend	9.50	
Amelia Haskell	11.00	\$893.00

AUDITOR'S REPORT.

EVENING DRAWING SCHOOL.

George H. Nye	171.00	
Lena M. Newcastle	117.00	
Fred M. Reed	63.00	
Oliver H. Gardner	117.00	
George E. Sawin	54.00	\$552.00

ELEMENTARY EVENING SCHOOLS.

Fifth Street :

Elwyn G. Campbell	136.50	
Helen McCoy	58.50	
Mary V. Perry	58.50	
Julia C. Gifford	57.00	
Cecilia A. Deane	58.50	
Mary Peckham	6.00	
Ruth M. Tripp	58.50	
Sara Peckham	31.50	
Kate Moore	31.50	
Charlotte G. Tourtelotte	58.50	
Caroline E. Bonney	57.00	
Mary R. Dalton	43.50	
Lottie S. Christopher	58.50	
Mary E. Cunningham	58.50	
Phebie E. Baker	58.50	
Lida J. Brightman	58.50	
Sarah F. Pratt	6.00	
Julia M. Pilling	1.50	
Susan Gifford	24.00	
Lila B. Lewis	6.00	
Etti M. Abbott	27.00	
N. Emma Slack	27.00	
Nettie S. Baker	3.00	
Grace L. Carver	4.50	988.50

John H. Clifford :

Edward B. Gray	\$136.50
Carolyn S. Jones	58.50
Mary L. Killigrew	57.00
Sylvia W. Paulding	58.50
Florence A. Howland	31.50

Mary F. Staples	58.50
Alice Kelleher	58.50
Julia V. Tresham	58.50
Elizabeth A. Dunn	58.50
Mary E. Herlihy	58.50
Lizzie M. Stow	55.50
Margaret E. Gleason	31.50
Susan Gifford	31.50
Catherine A. McGuinness	31.50
Mary E. Gleason	31.50
Mary G. LaPlante	55.50
Mary Bryant	58.50
Carrie M. Leavitt	58.50
Mary E. Kane	9.00
Lizzie M. Fisher	30.00
Florence E. Moore	57.00
Mary I. McCormick	58.50
Harriet M. True	58.50
Retta R. Barrett	28.50
Mary E. Bumpus	30.00
Grace M. Ricker	28.50
Mary E. Boardman	28.50
Anna H. Bartlett	31.50
Josephine C. Yates	30.00
Harriet P. Brownell	4.50
Mary E. McAuliffe	1.50
Julia M. Pilling	1.50
Nettie S. Baker	6.00
Laura B. Fuller	18.00
Mary O. Lamb	3.00
Mary R. Dalton	15.00
Gillian M. Barnes	1.50
Mary E. Martin	1.50
Alice T. Corrigan	27.00
Anna A. Cleary	25.50
Helen S. Gabriel	27.00
Ilda L. Pope	24.00
Helen D. Mills	27.00
Ada Moorhouse	27.00
Mary A. Days	27.00
Alice A. Sanborn	27.00
Sarah L. Burleigh	4.50
Alice C. Bartlett	25.50

Margery C. Bruce	24.00	
Mary P. Story	24.00	
Florence B. Fitz	24.00	
Rachel M. Wordell	24.00	1,768.50
Robert C. Ingraham :		
Joseph P. Kennedy	73.50	
Wesley A. O'Leary	63.00	
Marie Clifford	58.50	
Kate K. Whelden	58.50	
Emma L. Gartland	58.50	
Annie F. Smith	30.00	
Helen G. Malley	31.50	
Esther L. Karcher	58.50	
Mary B. Jason	58.50	
Nellie H. Cook	30.00	
Carolyn B. Sylvia	55.50	
Mary E. Holden	58.50	
Mary E. Goggin	58.50	
Mary A. Horan	58.50	
Annie R. Keith	31.50	
Helen F. Murphy	57.00	
Mary F. Livingston	58.50	
Jennie M. Deacon	58.50	
Ethel Pollard	58.50	
Grace B. Gardner	25.50	
John Silva	78.00	
Annie B. Lyon	9.00	
M. Annie Taber	58.50	
Minnie Wilson	15.00	
Annie I. Burt	58.50	
Harriet P. Brownell	1.50	
Isadore F. Eldridge	1.50	
Myrtilla G. Sequeira	30.00	
Margaret Gleason	27.00	
Elva A. Fellows	27.00	
Harriet Ashley	27.00	
Carolyn P. Brightman	27.00	
Gertrude M. Cunningham	27.00	
Catherine McGuinness	27.00	
Anna H. Bartlett	24.00	
Mary G. Almy	24.00	
Clara S. Blake	24.00	
Florence Anthony	1.50	1,528.50

AUDITOR'S REPORT.

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Parker Street :

Mary A. Kane	136.50	
Gertrude L. Corish	58.50	
Rose M. Meaney	58.50	
Sara L. Tallman	58.50	
Harriet J. Thorpe	58.50	
Margaret Holmes	58.50	
Emily A. Delano	31.50	
Minnie H. Smythe	58.50	
Lizzie E. Frasier	58.50	
Amelia A. Murray	57.00	
Carrie E. Footman	27.00	
Ruby M. Tripp	58.50	
Naomi A. Turner	31.50	
Clara L. Bennett	28.50	
Madeline Gile	27.00	
Bessie P. Peirce	27.00	
May Johnson	27.00	881.00

Phillips Avenue:

Eliza G. M. Jenney	123.00	
Nellie L. Foster	57.00	
Sarah E. Howard	31.50	
Annie C. Maxfield	31.50	
Helen T. Maxfield	58.50	
Sarah A. Russ	31.50	
Effie B. Wallace	58.50	
Grace D. Wixon	49.50	
Jessie K. Cross	27.00	
Ethel E. Fullerton	27.00	
Harriet P. Brownell	27.00	
Grace Ricker	3.00	
Florence M. Anthony	6.00	\$531.00

SUBSTITUTES.

May U. Bruce	\$15.00
Mary Bryant	40.40
Ruth D. Beetle	20.13
Harriet P. Bennett	104.50
Harriet P. Brownell	5.60
Gertrude L. Cunningham	3.00

Lottie S. Christopher	6.40	
Jennie M. Deacon	98.80	
Elizabeth A. Downey	89.64	
Marion H. Dexter	1.60	
Helen L. Davies	.80	
Laura B. Fuller	91.60	
Jennie L. Forsyth	32.00	
Jeannette Greer	8.80	
Helen A. Gammons	550.00	
Mary A. Gilmartin	96.00	
Janet Hunter	700.79	
Ellen A. Hurley	8.00	
Ella R. Hillman	12.80	
May B. Jason	84.00	
Mary L. Killigrew	97.00	
Rudolph Lucas	39.00	
Alice W. Lowther	26.40	
Ada Moorhouse	20.00	
Elizabeth M. Perley	481.00	
Augusta W. Pittman	21.60	
Ida M. Pettee	8.28	
Clara E. Sherman	490.13	
Myrtila G. Sequeira	49.80	
Mary M. Sullivan	11.20	
Harriet L. Stebbins	44.00	
Lizzie M. Stowe	30.80	
Arthur S. Todd	50.00	
Julia V. Tresham	10.40	
Laura H. Wilde	100.86	
Juliet P. Zimmerman	15.00	3,415.83
		<u>\$186,764.41</u>
To transfer to balance		2,235.59
		<u>\$189,000.00</u>

CR.

By appropriation	\$96,000.00	
By special appropriation	53,000.00	
By transfer from unappropriated funds	40,000.00	\$189,000.00

PUBLIC SCHOOLS, REPAIRS OF BUILDINGS.

DR.

Acushnet :

Frank C. Bennett	7.76	
Crawford L. Dunham	8.30	
Thos. Hersom & Co.	8.70	
Kern & Wright	.30	
John F. Parker	111.00	
Herbert L. Weeks	41.15	\$177.21

Acushnet Avenue :

Fichtenmayer & Flynn	2.75	
Green & Marshall	4.83	
M. S. Greene	7.85	
L. Lloyd	55.00	
John J. Meaney	81.21	
T. J. Moriarty	525.94	
C. H. Norton	469.35	
John V. O'Neil	18.42	1,165.35

I. W. Benjamin :

Chamberlain Metal Weather Strip Co.	89.20	
D. L. Hathaway & Son	27.43	
Kern & Wright	1.80	
Joseph S. Lewis, Jr.	227.67	
T. J. Moriarty	5.15	
Nelson Bros.	34.30	
E. F. Penney	8.22	393.77

Cannonville:

Edgar H. Gammons	4.00	
Kern & Wright	22.20	
F. B. Sistare	22.76	48.96

Cedar Street:

Chas. O. Brightman	180.61	
D. Herbert Cook	42.88	
Geo. E. Hatch	162.69	
John J. Meaney	5.21	
N. B. Boiler & Machine Co.	3.05	\$394.44

Cedar Grove Street :

Thos. M. Chase	\$21.60	
William D. Cotter	43.75	
Wm. F. Desmond	17.78	
J. E. Dionne	168.27	
Geo. J. Dodge	54.40	
Crawford L. Dunham	6.05	
Thos. Gregory	119.80	
N. P. Hayes	20.25	
Highways and streets	1.47	
Geo. H. McCarthy	114.40	
James E. McGoff	146.43	
Wm. R. West	5.24	719.44

Clark Street :

Geo. A. Bosworth	9.00	
Crawford L. Dunham	12.91	
N. B. Boiler & Machine Co.	2.10	
Wm. R. West	166.87	190.88

J. H. Clifford :

Geo. A. Bosworth	20.42	
D. Herbert Cook	17.68	
Edward G. Davis	130.00	
N. B. Boiler & Machine Co.	2.54	
David Warren	16.57	
Wm. R. West	47.84	244.05

Dartmouth Street :

Stephen J. Cassidy	174.20	
Kern & Wright	1.50	
John J. Meaney	338.69	
T. J. Moriarty	3.15	
John V. O'Neil	250.71	
Jas. H. Warren	50.00	827.25

G. H. Dunbar:

William S. Brown	14.85	
Jenney & Buffington	5.80	
Kern & Wright	58.76	
N. B. Boiler & Machine Co.	84.47	
E. F. Penney	3.54	167.42

Fifth Street:

Francis W. Hammond	125.80	
Henry Harlow	30.72	
Eben P. Hirst	40.94	
E. F. Penney	22.23	
A. W. Perkins & Co.	16.75	
Jas. H. Warren	25.00	
Wm. R. West	70.69	332.13

T. A. Greene:

T. Crowley	4.00	
Francis W. Hammond	30.08	
Henry Harlow	8.32	
Gilman E. Hook	25.98	
N. B. Boiler & Machine Co.	211.21	
Otto W. Newman	7.60	
C. H. Norton	13.56	
C. S. Paisler	1.50	
A. A. Sanborn	13.96	
Jas. H. Warren	50.00	
Wood, Brightman & Co.	192.09	558.30

Harrington Memorial :

Babbitt, Wood & Co.	4.60	
John Bertram & Son	122.81	
D. L. Hathaway & Son	189.40	
Johnson Service Co.	15.71	
Kern & Wright	13.25	
Wm. Lowe	10.80	356.57

Hickey Building :

John J. Meaney	48.00	48.00
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High :

James B. Athearn	71.47	
Chamberlain Metal Weather Strip Co.	48.95	
N. S. Greene	2.95	
Thos. Hersom & Co.	1.50	
John J. Meaney	318.97	
T. J. Moriarty	18.40	
N. B. Boiler & Machine Co.	6.98	
John V. O'Neil	29.72	
Wood, Brightman & Co.	13.95	
Geo. A. Wood	14.25	527.14

S. A. Howland :

Kern & Wright	8.59	
W. F. Sturtevant	37.15	
H. L. Weeks	16.10	61.84

R. C. Ingraham :

Babbitt, Wood & Co.	5.36	
H. T. Bulman	2.83	
M. A. Hickey	189.25	
Highways and streets	3.60	
H. A. Jahn	16.00	
John J. Meaney	145.51	
T. J. Moriarty	1.70	
John V. O'Neil	4.75	369.00

H. A. Kempton :

F. T. Akin & Co.	13.23	
Babbitt, Wood & Co.	18.68	
Blossom Bros.	18.42	
Charles F. Chase	102.65	
DeWolf & Vincent	.48	
Kern & Wright	436.70	
N. B. Gas & Edison Light Co.	90.46	
H. L. Weeks	114.35	784.97

Linden Street:

F. W. Hammond	19.44	19.44
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Lowe Annex :

F. T. Akin & Co.	3.10	
Thomas Gregory	37.77	40.87

Merrimac Street :

C. L. Dunham	11.15	
D. L. Hathaway & Son	30.43	
Jas. W. Hindle	41.45	
Gilman E. Hook	400.00	
James E. McGoff	61.75	
Wm. R. West	.75	545.53

Middle Street :

D. L. Hathaway & Son	28.31	
Kern & Wright	130.88	
Wood, Brightman & Co.	48.73	207.92

AUDITOR'S REPORT.

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North :

Chas. F. Chase	31.25	
Geo. E. Hatch	7.15	
Geo. W. Lawrence	6.00	
H. O. White	8.25	52.65

Parker Street :

Geo. A. Bosworth	7.76	
D. Herbert Cook	40.64	
Eugene G. Crapo	19.50	
Edward G. Davis	493.75	
C. L. Dunham	89.66	
Highways and streets	68.22	
N. B. Boiler & Machine Co.	3.10	
Wm. R. West	304.20	1,026.83

Phillips Avenue :

F. A. Bonneau	13.00	
Wm. S. Brown	7.20	
J. E. Dionne	25.03	
Geo. J. Dodge	68.64	
C. L. Dunham	9.65	
F. Hamel	11.70	
N. P. Hayes	20.25	
Thos. Hersom & Co.	4.20	
N. B. Boiler & Machine Co.	89.84	
Slocum & Kilburn	1.20	
Hugh Vignault	17.00	272.71

Plainville :

Chamberlain Metal Weather Strip Co.	16.25	
W. F. Desmond	17.50	
Kern & Wright	81.32	
F. B. Sístare	33.26	148.33

Portable South:

T. J. Moriarty	.85	
E. F. Penney	8.15	9.00

Rockdale :

D. Herbert Cook	48.46	
Kern & Wright	19.40	
James M. Ricketson	95.80	163.66

School Committee:

W. P. Butler	1.70	
Stephen J. Cassidy	7.60	
John F. Gracia	47.59	
Green & Marshall	69.92	
M. A. Hickey	78.10	
John J. Meaney	848.62	
John V. O'Neil	22.08	
Whitlow Corp.	18.13	1,093.74

South Primitive Methodist Church :

John J. Meaney	111.81	111.81
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W. H. Taylor :

Chamberlain Metal Weather Strip Co.	67.90	
Wm. A. Davis	118.44	
Green & Marshall	13.65	
John J. Meaney	9.20	
Edward Murphy	126.31	
Nelson Bros.	26.55	
C. H. Norton	17.78	
John V. O'Neil	169.23	549.06

Thompson Street :

Stephen J. Cassidy	9.35	
John J. Meaney	25.06	
T. J. Moriarty	.65	
Nelson Bros.	38.40	
N. B. Boiler & Machine Co.	7.73	
John V. O'Neil	63.64	
Jas. H. Warren	80.00	
Whitlow Corp.	35.00	259.83

Mary B. White :

Blossom Bros.	4.42	
Chamberlain Metal Weather Strip Co.	38.10	
Wm. J. Cochrane	12.20	
D. Herbert Cook	33.95	
Geo. E. Hatch	53.54	
Wm. E. Hatch	21.00	
Kern & Wright	55.80	
J. L. G. Mason	28.46	

AUDITOR'S REPORT.

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F. B. Sistare	53.84	
Wm. F. Sturtevant	3.45	304.76
		<u>\$12,172.86</u>
To transfer to balance		127.14
		<u>\$12,300.00</u>
 CR.		
By appropriation		<u>\$12,300.00</u>

REAL ESTATE TAX ACCOUNT.**DR.**

December 7, 1903. To balance	<u>\$206.31</u>
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CR.

Receipts as per Treasurer's reports	\$65.66	
December 5, 1904. Balance	140.65	<u>\$206.31</u>

DR.

December 5, 1904. To balance	<u>\$140.65</u>
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SALARIES OF CITY OFFICERS.**DR.**

Charles S. Ashley, mayor	\$3,000.00
James H. Hathaway, City Treasurer and Collector of Taxes	3,000.00
Daniel B. Leonard, City Clerk	2,600.00
William S. Cook, Assistant City Clerk	1,500.00
Charles J. McGurk, City Auditor	1,800.00
Benjamin B. Barney, City Solicitor	1,500.00
Holder C. Kirby, City Physician	550.00

Walter H. B. Remington, City Messenger	1,100.00	
Cornelius A. Webb, City Bell Ringer	125.00	
John N. O'Brien, Sealer of Weights and Measures	900.00	
Walter H. B. Remington, Clerk Common Council	500.00	
William B. Wood, Superintendent of City Clock	75.00	
Charles H. Cragen, Harbor Master	300.00	
Edmund O'Keefe, Inspector of Buildings	1,800.00	
Daniel C. Ashley, Inspector of Animals, Milk and Provisions	1,200.00	
Daniel B. Briggs, Supervisor of Wires	300.00	\$20,250.00

Board of Aldermen :

Henry P. Jenney	100.00	
Louis Z. Normandin	100.00	
Charles H. Brownell	8.33	
Thomas Thompson	91.67	
William E. Smith	8.33	
Charles H. Lawton	69.69	
Charles B. Hillman, Jr.	8.33	
George H. Hedge	91.67	
Samuel E. Bentley	8.33	
John Hannigan	91.67	578.02

Board of Assessors :

William F. Bannon	1,400.00	
Thomas F. Healy	1,100.00	
Henry C. Russell	1,100.00	3,600.00

Board of Health :

William G. Kirschbaum	500.00	
John T. Bullard	500.00	
Manuel V. Sylvia	500.00	1,500.00

Board of Registrars :

Willard N. Lane	366.00	
Emanuel Sullavou	152.00	
Charles T. Luce	366.00	
Charles S. Coombs	214.00	
Daniel B. Leonard	300.00	1,398.00

AUDITOR'S REPORT.

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License Commission :

Frank M. Sparrow	300.00	
Stephen D. Peirce	115.66	
John W. Bannister	125.00	
John O'Neil	300.00	840.66
		<u>\$28,166.68</u>
To transfer to balance		81.32
		<u>\$28,248.00</u>

CR.

By appropriation	<u>\$28,248.00</u>
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SCHOOLHOUSE, BLACKMER STREET, HEATING AND VENTILATING.

CR.

December 7, 1903. By balance	<u>\$500.00</u>
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CR.

December 5, 1904. Balance	<u>\$500.00</u>
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SCHOOLHOUSE, COGGESHALL STREET, HEATING AND VENTILATING.

CR.

December 7, 1903. By balance	<u>\$500.00</u>
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CR.

December 5, 1904. Balance	<u>\$500.00</u>
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SCHOOLHOUSE, COUNTY STREET AND
COGGESHALL STREET,
CONSTRUCTION.

DR.

Herbert A. Miller, contractor	\$11,875.78
December 5, 1904. To balance	56,563.22
	\$68,439.00

CR.

By special appropriation	\$68,439.00
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CR.

December 5, 1904. Balance	\$56,563.22
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SCHOOLHOUSE, COUNTY STREET AND
COGGESHALL STREET, HEATING
AND VENTILATING.

CR.

By special appropriation	\$7,700.00
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CR.

December 5, 1904. Balance	\$7,700.00
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SCHOOLHOUSE, COUNTY STREET AND
COGGESHALL STREET, PLANS
AND SPECIFICATIONS.

CR.

By special appropriation	\$2,664.87
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CR.

December 5, 1904. Balance	\$2,664.87
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SCHOOLHOUSE, SOUTH STREET,
CONSTRUCTION.

DR.

John B. Sullivan & Son, contractors	\$26,737.82
December 5, 1904. To balance	25,162.18
	<u>\$51,900.00</u>

CR.

By special appropriation	<u>\$51,900.00</u>
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CR.

December 5, 1904. Balance	<u>\$25,162.18</u>
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SCHOOLHOUSE, SOUTH STREET, HEATING
AND VENTILATING.

CR.

By special appropriation	<u>\$5,133.00</u>
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CR.

December 5, 1904. Balance	<u>\$5,133.00</u>
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SCHOOLHOUSE, SOUTH STREET, PLANS
AND SPECIFICATIONS.

DR.

Samuel C. Hunt, architect	\$1,000.00
December 5, 1904. To balance	425.83
	<u>\$1,425.83</u>

AUDITOR'S REPORT.

CR.

By special appropriation	<u>\$1,425.83</u>
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CR.

December 5, 1904. Balance	<u>\$425.83</u>
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SCHOOLHOUSE LOT, SOUTH STREET.

DR.

Anna M. Carvalho	\$3,000.00	
Thomas Donaghy heirs	17,000.00	
Jeremiah McDonald	3,500.00	<u>\$23,500.00</u>

CR.

By special appropriation	<u>\$23,500.00</u>
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SEWERS, GENERAL ACCOUNT.

DR.

Pay rolls		\$13,347.62
Acushnet Iron Co., castings	12 81	
Babbitt, Wood & Co., labor and material	13 88	
Boston Woven Hose & Rubber Co., hose	121.50	
Cornelius Callahan Co., hose	111.00	
Cooper Hose Mender Co., hose menders	3 00	
DeWolf & Vincent, hose and trowels	12.31	
Timothy J. F. Donovan, sewer rebate	10.00	
Edson Mfg. Co., hose and pump repairs	166.34	
George A. Eggers, explosives	107.80	
Fairhaven Iron Foundry Co., castings	350.85	
Greene & Wood, lumber	9.60	
Samuel Hamlington, sewer rebate	10.00	
Jonathan Handy Co., bolts	1 20	
Hatch & Co., express	.25	
George E. Hatch, repairs	6.55	

AUDITOR'S REPORT.

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Hathaway & Co., lantern globes	12	00	
Highways and streets, janitor service	44	97	
" " " registration service	45	07	
" " " office service	784	37	
" " " labor, stock and teaming	3,940	21	
Albion C. Johnson, battery test		65	
S. C. Lowe Supply Co., tools	40	50	
Martha W. Moynan, sewer rebate	20	00	
N. B. Cordage Co., supplies	14	01	
N. B. Emergency Hospital, surgical attendance	4	50	
N. B. Water Works, water	178	00	
N. Y., N. H. & H. R. R. Co., freight	3	03	
Eva C. Norlander, sewer rebate	10	00	
L. Z. Normandin, M. D., services	60	35	
S. S. Paine & Bro, brick, cement and lime	1,918	88	
Charles S. Paisler, brick and pipe	1,843	88	
Perrin, Seamans & Co., tools	78	08	
C. G. & G. A. Randall, lumber	5	52	
Martha E. Randall, sewer rebate	20	00	
Alden Rounseville, Jr., lumber	47	32	
Slocum & Kilburn, supplies		85	
F. S. Tripp, pump box	3	20	
Wood, Brightman & Co., labor and supplies	11	25	
A. H. Wordell, tools	3	00	10,026.73
			<u>\$23,374.35</u>
To transfer to balance			2,320.22
			<u>\$25,694.57</u>

CR.

By appropriation	\$8,000.00	
By special appropriation	8,500.00	
Receipts as per Treasurer's reports	9,194.57	\$25,694.57

**SEWER, ACUSHNET AVENUE, BETWEEN
BELLEVILLE AVENUE AND NASH ROAD, No. 1.**

DR.

Pay roll	\$1.72
Highways and streets, stock, labor and teaming	14.68
	<u>\$16.40</u>
To transfer to balance	8.60
	<u>\$25.00</u>

CR.

December 7, 1903. By balance	<u>\$25.00</u>
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**SEWER, ACUSHNET AVENUE, FROM
TURNERS COURT TO MERRIMAC STREET, No. 2.**

DR.

Pay roll		\$85.41
George A. Eggers, explosives	\$16.00	
General sewers, stock, labor and teaming	45.13	
Highways and streets, stock, labor and teaming	23.67	84.80
		<u>\$170.21</u>
To transfer to balance		13.04
		<u>\$183.25</u>

CR.

December 7, 1903. By balance	<u>\$183.25</u>
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**SEWER, ACUSHNET AVENUE, FROM HOLLY
STREET SEWER, SIXTY FEET NORTH, No. 3.**

DR.

Pay rolls		\$165.43
General sewers, stock, labor and teaming	\$32.44	
Highways and streets, stock, labor and teaming	8.48	40.92
		<u>\$206.35</u>

CR.

By special appropriation	\$200.00
By transfer from "Sewer, Hazard street"	6.35
	<u>\$206.35</u>

SEWER, BELLEVILLE AVENUE, THREE
HUNDRED TWENTY-FIVE FEET NORTH FROM
CEDAR GROVE STREET.

DR.

Pay rolls		\$205.71
General sewers, stock, labor and teaming	\$92.70	
Highways and streets, stock, labor and teaming	17.76	
S. S. Paine & Brother, cement	23.60	134.06
		<u>\$339.77</u>
To transfer to balance		160.23
		<u>\$500.00</u>

CR

By special appropriation	<u>\$500.00</u>
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SEWER, COGGESHALL STREET, EASTERLY TO
DEEP WATER, No. 1.

DR.

Pay rolls		\$941.89
Greene & Wood, plank	\$88.79	
Highways and streets, stock, labor and teaming	97.56	
N. B. Cordage Co, waste	11.52	

AUDITOR'S ACCOUNT.

A. W. Perkins & Co., cart hire	.88	
C. G. & G. A. Randall, lumber	22.18	220.93
		<u>\$1,162.82</u>
To transfer to balance		1,338.18
		<u>\$2,501.00</u>

CR.

By special appropriation	<u>\$2,501.00</u>
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SEWER, COGGESHALL STREET, FROM
PURCHASE STREET WESTERLY 300 FEET, No. 2.

CR.

By special appropriation	<u>\$500.00</u>
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CR.

December 5, 1904. Balance	<u>\$500.00</u>
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SEWER, COTTAGE STREET, FROM AUSTIN
STREET, NORTHERLY, No. 2.

DR.

Pay rolls		\$480.95
General sewers, stock, labor and teaming	150.01	
Highways and streets, stock, labor and teaming	57.31	207.32
		<u>\$688.27</u>
To transfer to balance		11.73
		<u>\$700.00</u>

CR.

December 7, 1903. By balance	<u>\$700.00</u>
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SEWER, HAZARD STREET.

DR.

Pay rolls		\$542.85
General sewers, stock, labor and teaming	199.08	
Highways and streets, stock, labor and teaming	70.02	209.10
		<u>\$751.95</u>
To transfer to "Sewer, Acushnet avenue, No. 3"	6.35	
To transfer to balance	41.70	48.05
		<u>\$800.00</u>

CR.

December 7, 1903. By balance	<u>\$800.00</u>
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SEWER, MAPLE STREET, FROM ATLANTIC STREET TO TREMONT STREET.

DR.

Highways and streets, stock, labor and teaming	\$1.63
December 5, 1904. To balance	1,498.37
	<u>\$1,500.00</u>

CR.

By special appropriation	<u>\$1,500.00</u>
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CR.

December 5, 1904. Balance	<u>\$1,498.37</u>
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SEWER, MAITLAND ST.

DR.

Pay rolls		\$234.84
General sewers, stock, labor and teaming	\$80.88	
Highways and streets, stock, labor and teaming	14.02	94.90
		<u>\$329.74</u>
To transfer to balance		70.26
		<u>\$400.00</u>

CR.

December 7, 1903. By balance	<u>\$400.00</u>
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SEWERS, MANOMET STREET AND RIVERSIDE AVENUE; HATHAWAY STREET FROM HOPE STREET TO RIVERSIDE AVENUE; HOPE STREET FROM HATHAWAY STREET TO NASH ROAD; NASH ROAD TO WHITMAN STREET; WHITMAN STREET TO EUGENIA STREET; EUGENIA STREET FROM HOPE STREET TO FRONT STREET; WHITMAN STREET FROM HOPE STREET TO FRONT STREET.

DR.

Pay rolls		\$9,838.52
Acushnet Iron Co., castings	\$2.03	
A. W. Allen Co., teaming	3.25	
Babbitt, Wood & Co., labor and material	14.32	
Blackmer & Post Pipe Co., pipe	1,688.48	
Boston Bolt Co., bolts	20.63	

AUDITOR'S REPORT.

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City Coal Co., coal	33.92	
Crystal Ice Co., ice	3.90	
Denison Brothers Co., coal	18.76	
Charles E. Davis, labor, lighter, rent and material	984.80	
W. F. Desmond, lumber	810.15	
DeWolf & Vincent, hardware and tools	10.80	
J. B. Dion, hardware and tools	34.68	
General sewers, brick	635.75	
George A. Eggers, explosives	49.60	
Greene & Wood, plank	75.53	
Jonathan Handy Co., hardware	9.37	
Highways and streets, stock, labor and teaming	1,122.51	
Hillman, Washburn & Co., hardware	7.11	
N. B. Ice Co., ice	.90	
N. Y., N. H. & H. R. R. Co., freight	670.73	
S. S. Paine & Brother, brick and cement	1,042.66	
C. S. Paisler, pipe	1,721.11	
A. W. Perkins & Co., cart hire	5.88	
A. W. Perkins & Co., supplies	15.28	
Perrin, Seamans & Co., tools	38.72	
C. G. & G. A. Randall, lumber	833.21	
Slocum & Kilburn, hardware and tools	1.64	
Western Union Telegraph Co., messages	1.59	9,857.71
		<u>\$19,696.23</u>
December 5, 1904. To balance		\$5,414.00
		<u>\$25,110.23</u>

CR.

By special appropriation	\$25,000 00
Receipts as per Treasurer's reports	110.23
	<u>\$25,110.23</u>

CR.

December 5, 1904. Balance	\$5,414.00
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SEWER, PEARL STREET, TO WEST LINE OF
STATE STREET.

DR.

Pay rolls		\$257.07
General sewers, stock, labor and teaming	\$122.90	
Highways and streets, stock, labor and teaming	11.80	
A. W. Perkins & Co., cart hire	.88	135.58
		<u>\$392.65</u>
To transfer to balance		107.35
		<u>\$500.00</u>

CR.

By special appropriation	<u>\$500.00</u>
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SEWER, ROBESON STREET, FROM CEDAR
STREET WEST.

DR.

Pay roll		\$385.11
General sewers, stock, labor and teaming	\$175.98	
Highways and streets, stock, labor and teaming	43.63	219.61
		<u>\$604.72</u>
To transfer to balance		195.28
		<u>\$800.00</u>

CR.

By special appropriation	<u>\$800.00</u>
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**SEWER, RODNEY STREET, FOUR HUNDRED
FEET WESTERLY FROM EAST
FRENCH AVENUE.**

DR.

Pay rolls		\$425.76
General sewers, stock, labor and teaming	273.22	
Highways and streets, stock, labor and teaming	87.00	360.22
		<u>\$785.98</u>
To transfer to balance		615.02
		<u>\$1,401.00</u>

CR.

By appropriation	<u>\$1,401.00</u>
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**SEWER, SCOTT STREET, WESTERLY ONE
HUNDRED FEET.**

DR.

Pay roll		\$97.75
General sewers, stock, labor and teaming	\$58.93	
Highways and streets, stock, labor and teaming	7.22	
S. S. Paine & Brother, brick	11.10	77.25
		<u>\$175.00</u>
To transfer to balance		25.00
		<u>\$200.00</u>

CR.

By special appropriation	<u>\$200.00</u>
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SEWER, SHAWMUT AVENUE, No. 3.

DR.

Pay rolls		\$670.54
General sewers, stock, labor and teaming	\$129.15	
Highways and streets, stock, labor and teaming	61.06	
S. S. Paine & Brother, pipe	1.29	
C. G. & G. A. Randall, lumber	7.85	199.35
		<u>\$869.89</u>
To transfer to balance		30.11
		<u>\$900.00</u>

CR.

December 7, 1903. By balance	<u>\$900.00</u>
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SINKING FUNDS.

DR.

Commissioners of Sinking Funds	<u>\$131,587.00</u>
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CR.

By appropriation	\$120,555.00	
Receipts as per Treasurer's reports	11,032.00	\$131,587.00

TEMPORARY LOAN.

DR.

Commissioners of Sinking Funds	\$113,000.00	
Loring, Tolmar & Tupper	1,150,000.00	
G. W. R. Matteson, executor	75,000.00	
N. B. Five Cents Savings Bank	70,000.00	\$1,408,000.00
December 5, 1904. To balance		630,000.00
		<u>\$2,038,000.00</u>

CR.

December 7, 1903. By balance	\$603,000.00	
Receipts as per Treasurer's reports	1,435,000.00	<u>\$2,038,000.00</u>

CR.

December 5, 1904. Balance		<u>\$630,000.00</u>
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TEXTILE SCHOOL.

DR.

Isaac B. Tompkins, Jr., Treasurer		<u>\$7,000.00</u>
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CR.

By special appropriation		<u>\$7,000.00</u>
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TRUST FUNDS.

CR.

BY SYLVIA ANN HOWLAND FREE PUBLIC LIBRARY
FUND:

One-half of the bequest of Sylvia Ann Howland for the support of liberal education and Free Public Library,		\$50,000.00
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BY SYLVIA ANN HOWLAND EDUCATIONAL FUND:

One-half of the bequest of Sylvia Ann Howland for the support of liberal education and Free Public Library,		50,000.00
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BY GEORGE HOWLAND, JR., FUND:

Donation to Free Public Library,		1,600.00
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BY CHARLES W. MORGAN FUND:

Bequest to Free Public Library,		1,000.00
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BY OLIVER CROCKER FUND:

Bequest to Free Public Library,		1,000.00
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BY JAMES B. CONGDON FUND :	
Donation to Free Public Library,	500.00
BY JONATHAN BOURNE PRIZE FUND :	
Donation to School Committee,	1,000.00
BY GEORGE O. CROCKER FUND :	
Bequest to Free Public Library,	10,000 00
BY ELIZABETH T. WOOD :	
Bequest to Free Public Library,	2,000.00
	<u>\$117,100.00</u>

UNAPPROPRIATED FUNDS.

DR.

To transfer to :

Appropriations, general, 1902	\$5,112.81	
Appropriations, special, 1903	95,712.28	
Additional Land, Rural Cemetery	4,250.00	
Armories and Military Property	2,000.00	
Armory Dedication	1,215.10	
Board of Health	2,585.09	
Bulkhead, foot of Howland Street	17.58	
Com. of Mass , C. 79, R. L., Soldiers'		
Relief	3,064.01	
Court Judgments	1,851.00	
Elections	2,493.84	
Incidentals	35,832.43	
Incidentals, Fourth of July	200.00	
Incidentals, Memorial Day	625.00	
N. B. and Fairhaven Bridge	239.17	
Police Department	4,800.00	
Printing, Binding and Stationery	2,354.84	
Public Baths	500.00	
Public Schools, Pay of Teachers	40,000.00	<u>\$202,853.15</u>

CR.

Receipts as per Treasurer's reports	\$163,570.54	
By transfer from "Cemeteries, Sale of Lots"	4,250.00	
By final department transfers	35,032.61	<u>\$202,853.15</u>

BALANCE OF PUBLIC PROPERTY.

DR.

To bonds issued	\$360,000.00	
December 5, 1904. To balance	2,145,453.63	<u>\$2,505,453.63</u>

CR.

December 7, 1903. By balance	\$2,101,390.03	
Bonds paid	129,000.00	
Public property (other than water works)	163,777.00	
Sinking fund commissioners	111,286.60	<u>\$2,505,453.63</u>

CR.

December 5, 1904. Balance	<u>\$2,145,453.63</u>
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PUBLIC PROPERTY.

DR.

December 7, 1903. To balance	\$5,065,011.00	
Increase in valuation over 1903	163,777.00	<u>\$5,228,788.00</u>

DR.

December 5, 1904. To balance	<u>\$5,228,788.00</u>
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CITY OF NEW BEDFORD,
IN COMMITTEE ON FINANCE,
April 3, 1905.

The sub-committee appointed to appraise the city property and to prepare a schedule of the same, respectfully reports as follows:

Armories and military property :		
Rifle range, Tarkiln hill	\$2,000.00	
Two brass field pieces	1,300.00	\$3,300.00
Board of assessors :		
Sundries as per inventory	1,500.00	1,500.00
Board of health :		
Small pox hospital	1,000.00	
Old almshouse and outbuildings	1,500.00	
Furniture in hospital	750.00	
Office furniture, fumigators, etc.	805.00	
Ambulance and cab	250.00	4,305.00
Cemetery board :		
Oak Grove cemetery	40,830.00	
Pine Grove cemetery	800.00	
Rural cemetery	136,858.00	
Receiving tomb, Rural cemetery	5,267.00	
Old burying ground, Second street	9,586.00	
Sundries as per inventory	5,276.00	198,617.00
Department of wharves :		
Rotch wharf	22,000.00	
Taber wharf	30,000.00	
Immigration shed and other improvements	25,950.00	77,950.00

Engineering department :

Sundries as per inventory	2,550.00	2,550.00
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Fire department :

No. 1, Engine house and lot	13,590.00	
No. 2, " " " "	21,220.00	
No. 4, " " " "	16,009.00	
No. 5, " " " "	33,570.00	
No. 6 " " " "	13,000.00	
No. 7, " " " "	16,966.00	
No. 8, " " " "	26,410.00	
No. 9, " " " "	1,200.00	
Steam fire engine, No. 1	3,000.00	
" " " No. 2	3,000.00	
" " " No. 4	3,000.00	
" " " No. 5	3,500.00	
" " " No. 6	3,000.00	
" " " No. 7	3,300.00	
" " " No. 8	3,500.00	
" " " Reserve	3,500.00	
Hand engine, No. 9	500.00	
Chemical wagon	1,750.00	
Nine hose wagons	3,800.00	
Hook and ladder truck, No. 1	3,200.00	
" " " " No. 2	3,000.00	
" " " " No. 3	3,000.00	
" " " " Old	500.00	
Eighteen thousand feet of hose	9,000.00	
Ten wagons	3,000.00	
Forty-five horses and harnesses	9,000.00	
Fire alarm telegraph system	21,000.00	
Sundries as per inventory	3,000.00	228,515.00

Free public library :

Land and building	131,839.00	
Books, etc., in library	85,000.00	
Furniture and fixtures in city offices	2,000.00	218,389.00

New Bedford water works :

Old plant	1,200,000.00	
Cost of works for further supply	1,317,201.00	
Repair shop and land	14,000.00	2,531,201.00

Park commission :

Buttonwood park	35,863.00	
Brooklawn park	31,450.00	
City common	85,000.00	
Hazlewood park	30,000.00	
Grove park	8,826.00	
Triangle park	600.00	
Sundries as per inventory	9,300.00	201,041.00

Police department :

Police station, Blackmer street	13,504.00	
" " Kempton street	22,603.00	
" " South Second street	15,700.00	
" " Weld street	12,158.00	
" " Willis street	3,043.00	
" stable, South Second street	4,368.00	
" signal system	8,150.00	
Horses, carriages and harnesses	3,610.00	
Sundries as per inventory	1,600.00	84,738.00

Poor department :

Almshouse, outbuildings and land	115,658.00	
Furnishings, clothing and supplies	4,125.00	
Carriages, harnesses, etc.	325.00	
Farming machinery and tools	925.00	
Live stock	2,050.00	
Hay, grain and vegetables	2,175.00	
Wood and coal shed, North and Second streets	3,000.00	
Fuel in shed	100.00	128,358.00

Public buildings, land, etc. :

Bathing houses, East French avenue	2,000.00
Building and land, High and Foster sts.	2,000.00
City Hall and land	141,466.00
Isolation hospital	26,914.00
Land, Acushnet avenue, near Phillips road	200.00
Land, Cove road	300.00
Land, Cove road shore	100.00
Land, Belleville avenue	1,000.00
Land, Hillman, Lindsey and North sts.	6,500.00
Land, foot of Howland street	4,500.00

Land, Kempton and Reed streets	2,257.00	
Land, south side of Kempton street	100.00	
Land, Mill and Park streets	150.00	
Land, n. e. corner Rockdale avenue and Arnold street	350.00	
Land, s. e. corner Rockdale avenue and Arnold street	450.00	
Land, Rural and Grape streets	375.00	
Land, Salisbury and Ruth streets	350.00	
Land, Warren street	100.00	
Land, County and Morgan streets	60,000.00	
Pound lot, Plainville road	100.00	
Ward room and land, Fourth street	1,400.00	
Ward room and land, Rivet street	2,350.00	
Old police station, Mill street	100.00	
Standard weights and measures	500.00	253,562.00

Public schools, land and buildings :

Acushnet	7,500.00
Acushnet avenue	49,966.00
Blackmer street	88,157.00
Brock avenue	44,977.00
Cannonville	1,665.00
Cedar street	7,063.00
Cedar Grove street	35,932.00
Clark street	37,847.00
Coggeshall street	84,525.00
Court street	54,503.00
Dartmouth street	17,106.00
Division street	33,875.00
Dunbar street	45,037.00
Fifth street	35,898.00
Kempton street	65,100.00
Linden street	2,684.00
Madison street	66,089.00
Maxfield street	25,068.00
Merrimac street	18,113.00
Middle street	35,035.00
Parker street	86,379.00
Phillips avenue	47,561.00
Plainville	1,000.00
Rockdale	1,254.00
Shawmut avenue	51,819.00

AUDITOR'S REPORT.

Summer street	113,388.00	
North	2,000.00	
Thompson street	37,800.00	
William street	5,191.00	
Two portable buildings	4,331.00	
Furniture, furnishings and supplies	85,000.00	
Union truant school, Walpole	1,500.00	1,193,363.00
Street and sewer department :		
City stables and land	45,400.00	
Sundries as per inventory	50,201.00	95,601.00
Street light department :		
Lamp posts	5,800.00	5,800.00
		<u>\$5,228,788.00</u>

RECAPITULATION.

Armories and military property	\$3,300.00
Board of assessors	1,500.00
Board of health	4,305.00
Cemetery board	193,617.00
Department of wharves	77,950.00
Engineering department	2,550.00
Fire department	228,515.00
Free public library	218,389.00
New Bedford water works	2,531,201.00
Park commission	201,041.00
Police department	84,736.00
Poor department	128,358.00
Public buildings, land, etc.	253,562.00
Public schools, land and buildings	1,193,363.00
Street and sewer departments	95,601.00
Street light department	5,800.00
	<u>\$5,228,788.00</u>

F. P. WASHBURN, }
 CHAS. W. JONES, } Committee.
 THOS. A. PERCY, }

INTEREST PAYABLE IN 1905 ON THE BONDED
DEBT.

\$50,000 water bonds at 7 per cent	\$3,500
100,000 water bonds at 6 per cent	6,000
1,340,000 water bonds at 4 per cent	53,600
48,000 water bonds at 3½ per cent	1,680
80,000 improvement bonds at 6 per cent	4,800
316,000 improvement bonds at 4 per cent	12,640
420,000 improvement bonds at 3½ per cent	14,700
338,000 schoolhouse, etc., bonds at 4 per cent	13,520
507,000 schoolhouse, etc., bonds at 3½ per cent	17,745
580,000 sewer bonds at 4 per cent	23,200
173,000 sewer bonds at 3½ per cent	6,055
100,000 park bonds at 4 per cent	4,000
28,000 park bonds at 3½ per cent	980
82,000 wharf bonds at 4 per cent	3,280
<hr/> \$4,162,000	<hr/> \$165,700

**BONDS OF THE
TITLES, RATES, AMOUNTS DUE**

Due	Water 7s	Water 6s	Water 4s	Water 3½s	Improvement 6s	Improvement 4s	Improvement 3½s
1905	\$10,000	\$20,000			\$10,000	\$24,000	
1906	10,000	20,000			10,000		
1907	10,000	20,000			10,000	172,000	
1908	10,000	20,000			10,000		\$82,000
1909	10,000	20,000			12,000		108,000
1910					28,000		
1911							
1912							170,000
1913						120,000	80,000
1914							
1915							
1916							
1917							
1918			\$20,000				
1919							
1920							
1921							
1922							
1923							
1924			320,000				
1925							
1926			400,000				
1927			600,000				
1928							
1929							
1930				\$48,000			
1932							
1933							
1942							
1951							
	\$50,000	\$100,000	\$1,840,000	\$48,000	\$80,000	\$316,000	\$420,000

Overdue bonds unrepresented :

1894.	Improvement 6s	\$1,000.00
1898.	" "	5,000.00

\$6,000.00

CITY OF NEW BEDFORD.
ANNUALLY AND TOTALS.

Sch. house and other public buildings 4s	Sch. house and other public buildings 3½s	Sewers 4s	Sewers 3½s	Park Loan 4s	Park Loan 3½s	Wharves 4s
\$5,000						
8,000			\$80,000			
8,000			15,000			
8,000		\$35,000				
8,000		43,000				
8,000		48,000				
8,000		57,000				
8,000		100,000				
8,000		108,000				\$30,000
8,000		32,000				
8,000						
8,000						
136,000						
8,000	\$92,000					
8,000	30,000					
8,000	65,000					
8,000						
8,000	200,000					
58,000	120,000					
8,000						
3,000		58,000				
		69,000				52,000
			35,000			
			33,000			
			30,000			
		30,000				
				\$100,000		
					\$28,000	
\$338,000	\$507,000	\$580,000	\$173,000	\$100,000	\$28,000	\$82,000

Total bonded debt, including overdue
unpresented bonds \$4,168,000.00

SINKING FUND COMMISSIONERS.

DR.

December 7, 1903.	To balance	\$1,073.379.03	
	Increase in funds over 1903	111,286.60	\$1,184.665.63

DR.

December 5, 1904.	To balance		\$1,184.665 63
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BONDS.

DR.

Bonds paid		\$129,000 00	
December 5, 1904.	To balance	4,168,000.00	\$4,297.000.00

CR.

December 7, 1903.	By balance	\$3,937,000.00	
Bonds issued		360,000.00	\$4,297.000.00

CR.

December 5, 1904.	Balance		\$4,168,000.00
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The following Table shows the Amount of Taxes Levied in this City since 1885, and the Rate per Thousand, for State, County and City Purposes; also the Number of Polls.

Year.	Valuation of Real Estate.	Valuation of Personal Property.	State Tax.	County Tax.	City Tax.	Overlay.	No. of Polls.	Rate of Tax.
1885	\$16,293,800	\$15,104,090.00	\$27,770	\$27,735.50	\$457,950	\$17,028.11	8,349	\$16.30
1886	16,778,900	15,416,695.50	27,015	33,883.77	456,300	15,328.18	8,699	16.00
1887	17,372,600	16,309,658.00	40,522 ¹ / ₂	38,485.28	489,700	18,076.50	9,056	17.40
1888	18,023,700	15,430,647.00	40,523 ¹ / ₂	41,274.10	486,411	19,364.29	9,424	17.00
1889	18,928,000	15,718,866.00	34,700	51,476.17	508,600	17,642.91	9,972	17.10
1890	20,041,700	16,829,154.00	30,362 ¹ / ₂	50,632.30	519,300	22,120.12	10,710	16.30
1891	20,959,300	17,559,643.00	26,025	47,819.40	550,300	26,134.37	11,160	16.30
1892	22,094,300	18,179,813.00	31,377	51,410.26	606,700	27,976.39	11,861	17.30
1893	25,344,300	19,130,798.00	44,825	57,699.11	673,689	28,077.06	12,988	17.50
1894	31,835,500	19,589,425.00	35,860	67,796.46	699,176	25,711.57	13,080	15.60
1895	31,984,150	20,658,600.00	30,915	78,760.33	698,545	31,077.76	14,300	15.40
1896	33,920,700	22,360,417.00	36,067 ¹ / ₂	85,061.14	745,800	30,760.56	15,475	16.40
1897	35,593,800	22,575,978.00	36,067 ¹ / ₂	83,008.25	840,239	34,002.38	15,467	16.20
1898	35,871,525	21,480,601.00	31,905	115,007.51	943,251	41,693.30	15,348	19.20
1899	35,558,755	20,548,663.00	31,905	96,839.60	939,635	40,378.38	15,249	19.20
1900	35,762,280	22,122,162.50	31,905	93,922.80	909,343	15,345.49	15,875	17.60
1901	36,170,900	26,725,150.00	34,685	89,306.99	976,099	28,905.41	16,303	17.40
1902	37,051,000	25,510,800.00	36,341	94,604.46	1,018,772	12,761.05	16,952	17.40
1903	38,165,460	24,402,000.00	57,634	91,486.46	1,045,388	7,574.63	17,934	18.00
1904	39,490,700	24,108,630.00	58,402	104,226.58	1,089,734	4,323.53	18,053	19.20

Average tax rate for 20 years, \$17.09.

**TRIAL BALANCE, CITY AUDITOR,
DECEMBER 5, 1904.**

DR.

Appropriations, general, 1904	\$98,839.73	
" " 1903	24,615.26	
" special, 1904	412,665.24	
" " 1903	151,794.44	
" " 1902	60,000.00	
City Treasurer, balance of cash	36,644.20	
Com. of Mass., C. 79, R. L., burial of soldiers	301.75	
" " " " military aid	2,326.99	
" " " " state aid	11,312.03	
Real estate tax account	140.65	
Public property	5,228,788.00	
Sinking funds	1,184,665.63	\$7,212,093.92

CR.

Additional land, Rural cemetery	\$250.00
Balance of public property	2,145,453.63
Bonds	4,168,000.00
Cemeteries, sale of lots	1,894.70
Cemetery funds	26,734.93
Department of wharves	453.00
" " " city wharf extension	4,050.86
Engineering department, tides investigation	790.11
Fire station, Kempton and Reed sts ,	
construction	4,769.60
Free public library, dog fund	12.51
Free public library, trustees of :	
James B. Congdon fund	65.15
George O. Crocker fund	34.41
Oliver Crocker fund	67.96
George Howland, Jr. fund	58.05
Sylvia Ann Howland fund	8.29
Charles W. Morgan fund	11.14

Charles L. Wood fund	15.40
Isolation hospital, heating, etc.	2,099.00
N. B. School Com., Howland fund	1,772.42
N. B. Water Works	1,542.09
Public schools, dog fund	849.20
Schoolhouse, Blackmer st., heating, etc.	500.00
" Coggeshall st., " "	500.00
" County st., construction	56,563.22
" " " heating, etc.	7,700.00
" " " plans, etc.	2,664.87
" South st., construction	25,162.18
" " " heating, etc.	5,133.00
" " " plans, etc.	425.83
Sewer, Coggeshall street, No. 2	500.00
" Maple street	1,498.37
" Manomet street	5,444.00
Temporary loan	630,000.00
Trust funds	117,100.00 \$7,212,093.92

We have examined the foregoing and find the same correct:

FRANK W. FRANCIS,
SAMUEL HIGHAM,
WILLIAM K. LEES,

Sub-committee of the Joint Standing Committee on
Finance, appointed to examine the books and accounts
of the City Treasurer and City Auditor.

Approved:

HENRY P. JENNEY,
FREDERICK A. DAMMON,
WILLIAM K. LEES,
MICHAEL J. GLENNON,
JOSEPH H. HANDFORD,

Committee of Audit.

IN BOARD OF ALDERMEN,

April 13, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

CITY OF NEW BEDFORD,

IN COMMON COUNCIL,

April 13, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

ANNUAL REPORT

OF THE

COLLECTOR OF TAXES

FOR THE YEAR 1904

STATEMENT
OF THE
COLLECTOR OF TAXES.

CITY OF NEW BEDFORD,
COLLECTOR'S OFFICE,
December 15, 1904.

To the City Council of the City of New Bedford :

GENTLEMEN:—Herewith I present to you my account as Collector of Taxes of the City of New Bedford for the year ending at this date, together with an account of the receipts from the Commonwealth of Massachusetts for corporation and other taxes.

Respectfully submitted,

JAMES H. HATHAWAY,
Collector of Taxes.

STATEMENT FOR THE YEARS 1901 TO 1903.

Years.	Unpaid Dec. 7, 1903	Paid and Remitted.	Unpaid Dec. 15, 1904.
1901	\$3,715.82	\$3,715.82	
1902	23,250.04	20,548.03	\$2,702.01
1903	72,986 18	48,141.03	24,845.15
	\$99,952 04	\$72,404.88	\$27,547.16

TAXES, 1904.

State tax	\$49,625.00	
Armory tax	8,777.22	
Connty tax	104,226.58	
City taxes	1,089,734.00	
Overlay	4,323.53	\$1,256,686.33

PAYMENTS.

State tax	\$49,625.00	
Armory tax	8,777.22	\$58,402.22
County tax		104,226.68
City tax		990,894.27
Abatements by the Assessors		15,027.50
Balance unpaid Dec. 15, 1904		88,135.66
		\$1,256,686.33

About 7 per cent. of the taxes of 1904 now remain unpaid; this is \$15,149.48 in excess of the previous year.

The resident National Bank taxes collected and paid to the Commonwealth for 1904 were as follows, viz. :

First National Bank	\$14,540.37	
Mechanics National Bank	8,452.00	
Merchants National Bank	17,995.78	<u>\$40,988.15</u>

The amounts received from the State Treasurer for corporation and other taxes were as follows, viz. :

Corporation taxes	\$56,234.78	
Non-resident bank taxes	2,930.29	
Street railway taxes	13,947.31	<u>\$73,112.38</u>

The sum received in 1904 for corporation taxes, \$56,234.78, was \$17,931.26 less than for the previous year, due to the change made in the law by the Legislature of 1903.

Total number of polls in 1904	18,093
Collected to date	<u>12,660</u>
Uncollected at this date	<u>5,433</u>

About 30 per cent. now remain unpaid.

Examined and found correct:

FRANK W. FRANCIS,
SAMUEL HIGHAM,
WILLIAM K. LEES,

Sub-Committee of the Committee on Finance, to examine the Treasurer's, Collector's and Auditor's books.

IN BOARD OF ALDERMEN,
April 13, 1905.

Received, ordered printed in the City Documents and
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
April 13, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

ANNUAL REPORT

OF THE

CITY TREASURER

FOR THE YEAR 1904

REPORT.

CITY OF NEW BEDFORD, MASS.,
TREASURER'S OFFICE,
December 15, 1904.

To the City Council of the City of New Bedford :

GENTLEMEN:— As required by the Ordinances of the City of New Bedford, I herewith present a statement of my accounts as City Treasurer for the financial year ending at this date.

Very respectfully,

JAMES H. HATHAWAY,
City Treasurer.

TREASURER'S REPORT.**177****RECEIPTS, INCLUDING BALANCE, DECEMBER 7, 1903.**

Balance, December 7, 1903,	\$126,880.66
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APPROPRIATIONS GENERAL, 1904.

From Collector, taxes of 1904,	990,894.27
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APPROPRIATIONS GENERAL, 1903.

From Collector, taxes of 1903,	46,977.46
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APPROPRIATIONS GENERAL, 1902.

From Collector, taxes of 1902,	17,384.26
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APPROPRIATIONS SPECIAL, 1902.

Sale of Improvement Bonds,	\$120,000.00	
School Bonds, in part,	42,814.89	162,814.89

APPROPRIATIONS SPECIAL, 1903.

Sale of Sewer Bonds,	30,000.00	
Balance of School Bonds,	7,185.11	37,185.11

APPROPRIATIONS SPECIAL, 1904.

Sale of School Bonds, Chapter 298, Acts of 1904,	100,000.00
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NEW BEDFORD SCHOOLHOUSES AND LOTS.

Premium on \$100,000. School Bonds, 104.596,	4,596.00
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COMMISSIONERS OF SINKING FUNDS.

Premium on \$200,000. City of New Bedford Bonds, 105.516,	11,032.00
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CEMETERIES — CARE OF LOTS.

From sundry sources, as follows :

Oak Grove cemetery,	\$3,408.95	
Rural cemetery,	4,793.90	
Pine Grove cemetery,	260.40	
N. B. Five Cents Savings Bank,	1,049.49	
N. B. Institution for Savings,	339.90	
Permanent care, @ 6%,	1,627.54	11,480.18

TREASURER'S REPORT.

CEMETERIES — SALE OF LOTS.

From sundry parties, as follows :

Oak Grove cemetery,	\$2,290 00	
Rural cemetery,	2,375.00	
Pine Grove cemetery,	245.00	4,910.00

BOARD OF HEALTH.

From sundry sales,	3.00
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ARMORY DEDICATION.

From Lieut. C. DeWolf, treasurer,	.06
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COMMONWEALTH OF MASSACHUSETTS — CHAPTER 79,
REVISED LAWS.

From State Treasurer, etc. :

Burials,	420.00	
Military aid,	1,712 38	
State aid,	12,312 00	
To correct error in charge,	74.85	
D. B. Folger & Co., 2d audit,	3.00	14,522.23

DEPARTMENT OF WHARVES.

From sundry sources :

For wharfage, water, etc. :	3,726.54
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FIRE DEPARTMENT.

Henry T. Corson, 2d audit,	1.95	
C. L. Dunham, 2d audit,	2.00	
Hatch & Co., 2d audit,	.60	
N. B. Produce Co., hose,	4.00	
C. S. Randall, coal,	4.00	
Chief Engineer, sale of horses,	465.00	
" " sale of hose, etc.,	68.99	
Poor Department, dressing and hose,	225.00	771.54

FREE PUBLIC LIBRARY.

B. Talbot & B. Hyde, Tr., 2d audit,	17.50	
Records of the past society, 2d audit,	5.00	22.50

TREASURER'S REPORT.

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FREE PUBLIC LIBRARY — DOG FUND.

County Treasurer, $\frac{1}{2}$ of dog licenses,	1,561.45	
N. E. Historical Society, 2d audit,	3.00	1,564.45

PUBLIC SCHOOLS — DOG FUND.

County Treasurer, $\frac{1}{2}$ dog licenses,	1,561.45	
Frank R. Pease, 2d audit,	6.75	1,568.20

FREE PUBLIC LIBRARY — TRUSTEES.

Interest on Trust Funds, as follows :

James B. Congdon, gift,	30.00	
George O. Crocker, bequest,	400.00	
Oliver Crocker, bequest,	60.00	
George Howland, Jr., gift,	96.00	
Sylvia Ann Howland, bequest,	3,000.00	
Charles W. Morgan, bequest,	60.00	
Charles L. Wood, bequest,	80.00	3,726.00

HIGHWAYS AND STREETS.

From sundry parties, stone, etc.,	13,825.58	
From sundry departments, labor, etc.,	11,063.41	
From Dartmouth & Westport Street		
Railway, franchise tax,	511.36	
From Old Colony Street Railway,		
franchise tax,	614.91	
From Union Street Railway, franchise tax,	5,429.96	31,445.22

INCIDENTALS.

From John Duff, postmaster, 2d audit,	15.95	
From Bristol County House of Correction,		
board of W. H. Allen, at jail,	2.73	18.68

NEW BEDFORD SCHOOL COMMITTEE.

Interest on Trust Funds :

Sylvia Ann Howland, bequest,	3,000.00
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NEW BEDFORD SCHOOL COMMITTEE, BOURNE PRIZE FUND.

Interest on Educational Fund :

Jonathan Bourne, bequest,	\$60.00
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TREASURER'S REPORT.

NEW BEDFORD WATER WORKS.

From Water Registrar, as follows :

Water rates,	\$129,434.89	
Mains,	3,173.71	
Services,	4,274.10	
Meters,	3,578.70	
Mill piping,	449.24	
Miscellaneous,	105.75	
Land, taxes, etc.,	1,902.27	
Workshop,	82.15	
Sealing mill fixtures,	73.70	
Fines,	22.00	
Fountains,	3.38	
Pumping station,	17.00	
Maintenance of horses,	26.06	
Hydrants, etc.,	6.53	
High Hill reservoir,	55.75	\$143,205.25

PARK COMMISSION.

Received from Park Commissioners :

Sale of stone, Hazlewood Park	\$15.00	
Narragansett Machine Co., bill for labor,	\$4.25	\$19.25

POLICE DEPARTMENT.

Board of Health, contagious diseases,	\$567.00	
Bristol County House of Correction, fines,	1,025.00	
Chief of Police, sale of cloth,	260.00	
Hatch & Co., 2d audit,	.35	
Third District Court of Bristol, fines,	5,124.29	\$6,976.63

POOR DEPARTMENT.

Received from sundry sources, as follows :—

CITIES AND TOWNS.

Acushnet,	\$88.00
Attleborough,	18.00
Boston,	300.75
Cambridge,	63.00
Concord,	6.00
Cottage City,	37.28

TREASURER'S REPORT.

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Dartmouth,	495.99	
Edgartown,	220.27	
Fairhaven,	31.50	
Fall River,	500.05	
Freetown,	60.25	
Holyoke,	53.69	
Hyde Park,	78.50	
Leominster,	32.14	
Lowell,	64.55	
Marion,	69.00	
Mattapoissett,	22.50	
Middleboro',	95.50	
Milford,	21.00	
Nantucket,	83.71	
North Adams,	72.00	
Northbridge,	36.00	
Palmer,	47.00	
Plymouth,	51.00	
Provincetown,	106.08	
Randolph,	1.50	
Somerville,	1.71	
Sutton,	34.71	
Taunton,	69.18	
Waltham,	18.00	
Wareham,	300.75	
Webster,	24.29	
Westboro',	28.50	
West Boylston,	14.00	
Westport,	44.83	\$3,191.21

Received for board, etc.:

Fredk. E. Austin,	34.43
Catherine H. Baker,	80.00
Amelia F. Barker,	45.00
Mrs. E. Barker,	52.00
Thomas Bates,	18.11
George Boardman,	42.71
John W. Brennan,	156.00
Charles O. Brightman,	21.00
S. A. Peckham,	24.00
Nancy C. Churchill,	42.71
Louis S. Edwards,	42.71
Jane Harding,	82.01

TREASURER'S REPORT.

Hans Harms, agent,	12.86	
John H. Howland, guardian,		
Russell Maxfield, Jr.,	653.69	
Theophile Lebeau,	154.57	
Mary E. Lewis,	3.00	
Henry W. Mason,	42.71	
John G. Meany,	1.00	
Joseph Mercier,	219.60	
Edward M. Murphy,	42.71	
N. B. Fire Department,	294.55	
N. B. Home for Aged,	4.00	
Nelson L. Pike,	45.00	
James Roddy,	64.00	
Guardian M. P. Reed and		
Mary A. Mullen,	1,967.56	
St. Hyacinth Church,	10.00	
Samuel J. Smith,	24.00	
Nancy Sullivan,	12.00	
Mrs. Geo. D. Swift,	6.00	
Stephen N. Sylvia,	100.00	
J. M. Taber,	33.00	
William Taylor,	20.00	
Dr. E. T. Tucker,	15.32	
J. T. Turner,	159.00	
Edmund Weston,	6.00	4,531.25

From State Treasurer :

Board of Insane,	36.40		
Burials,	893.00		
Educational, children,	114.00		
Support, general,	539.70		
Support, temporary,	545.17		
Transportation,	1.50	2,129.77	9,852.23

PUBLIC DEBT.

Commissioners of Sinking Funds, Improvement Bonds, matured April 1, 1904,	\$89,000.00	
Department of Wharves, interest on \$82,000. Wharf bonds,	3,280.00	
Loring, Tolman & Tupper, 2d audit,	3.00	
N. B. Water Works, from rates to pay maturing water bonds,	30,000.00	
N. B. Water Works, from rates to pay interest in part on water bonds,	5,000.00	\$127,283.00

TREASURER'S REPORT.

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PUBLIC SCHOOLS, INCIDENTALS.

Frank R. Pease, 2d audit,	\$.45	
Hatch & Co., error in audit,	1.00	1.45

REAL ESTATE TAX ACCOUNT.

Lewis H. Green, tax 1901,	\$5.85	
Owners unknown, tax 1901,	6.09	
Merton B. Ashley, tax 1899,	6.97	
Merton B. Ashley, tax 1900,	6.96	
Peter Butler, Dev., tax 1900,	5.99	
Peter Butler, Dev., tax 1900,	5.99	
Peter Butler, Dev., tax 1897,	6.01	
Peter Butler, Dev., tax 1897,	6.01	
Lucy J. Wainer, tax 1898,	15.79	65.66

SEWERS, GENERAL ACCOUNT.

Estimated cost of drains,	\$8,243.50	
Less difference in estimated cost,	1,054.19	\$7,189.31
From sundry departments,	2,005.26	\$9,194.57

SEWERS, MANOMET STREET.

Bills in second audit,	110.23
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TEMPORARY LOANS.

Received on notes issued, as follows :

Loring, Tolman & Tupper, @ 4.30,	\$80,000.00	
Loring, Tolman & Tupper, @ 4 ³ / ₈ ,	75,000.00	
Loring, Tolman & Tupper, @ 4.40,	75,000.00	
Loring, Tolman & Tupper, @ 4.40,	50,000.00	
Loring, Tolman & Tupper, @ 4 ¹ / ₄ ,	175,000.00	
Loring, Tolman & Tupper, @ 4.04,	175,000.00	
Loring, Tolman & Tupper, @ 3.72,	100,000.00	
Loring, Tolman & Tupper, @ 3.54,	50,000.00	
N. B. Five Cents Savings Bank, @ 3.50,	25,000.00	
Textile School, @ 3 ¹ / ₂ ,	30,000.00	
Loring, Tolman & Tupper, @ 3.50,	70,000.00	
Loring, Tolman & Tupper, @ 4,	100,000.00	
N. B. Five Cents Savings Bank, @ 3.65,	80,000.00	
Loring, Tolman & Tupper, @ 3 ⁷ / ₈ ,	175,000.00	
Loring, Tolman & Tupper, @ 4,	150,000.00	
Loring, Tolman & Tupper, at 4,	25,000.00	1,435,000.00

UNAPPROPRIATED FUNDS.

Received from interest on deposits :

First National Bank,	\$449.47	
Mechanics National Bank,	266.40	
Merchant National Bank,	159.74	
N. B. Safe Deposit Bank,	201.64	1,077.25

Received from interest on taxes :

Collector, taxes 1898,	7.01	
" " 1902,	1,747.37	
" " 1903,	1,272.23	
" " 1904,	124.60	
" sewer taxes,	199.19	
" 1% bank taxes,	409.88	3,760.28

Received for taxes in excess of appropriations :

Collector, taxes 1898,	1.92	
" " 1899,	1.92	
" " 1900,	2.00	
" " 1901,	9.48	15.32

Received for liquor licenses :

45 1st and 4th class,		
@ \$1,400,	63,000.00	
1 1st class,	1,100.00	
11 1st class, inn holders,	16,500.00	
5 4th class, bottlers,		
@ \$600,	3,000.00	
10 club licenses, @ \$300,	3,000.00	
57 6th class, drug, @ \$1.00,	57.00	
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Total receipts,	\$86,657.00	
Less $\frac{1}{4}$ to State,	21,664.25	64,992.75

From other licenses, fees, etc. :

Board of Health,	18.00	
City Clerk, fees,	665.65	
" " licenses,	1,811.00	
Entering sewers,	680.00	
Milk licenses,	140.50	
Pedlers' licenses,	50.00	
Public baths, fees, etc.,	330.60	
Sealer of weights and		
measures,	309.52	4,005.27

From School Department :

Sale of books,	42.44	
Sale of old buildings, etc.,	1,159.50	
Tuition, N. R. pupils,	1,051.49	2,253.43

For rents, etc. :

City Hall,	195.82	
Mill street, Police station,	25.00	220.82

From accrued interest on bonds sold :

On \$200,000 bonds,	486.67	
On 100,000 school bonds,	273.56	
Taunton Savings Bank, rebate,	3.48	763.71

From Engineering Department :

Sundry sales, blue prints, etc.,		102.28
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From amounts in audits, etc.:

Returned to treasury,	\$146.35	
Ships in foreign trade, taxes on same,	89.24	235.59

From State Treasurer :

Corporation taxes, 1904,	56,234.78	
National Bank taxes,	2,726.74	
Armory rents,	725.00	
Street railway taxes,	13,947.31	
Contagious diseases, expenses,	10.00	73,643.83

From State Treasurer, properly

Poor Department :

Board of Insane,	42.00	
Burials,	38.00	
State paupers,	514.69	
State paupers, temporary,	563.67	
Transportation,	1.90	1,160.26

From sundry sources, interest, etc.:

Tax titles redeemed,	12.50	
Mercury Publishing Co., 2d audit,	3.00	

N. Y., N. H. & H. Railway,		
2d audit,	.66	
Sale of lamp posts,	11.04	27.20

Sewer taxes :

Adams street,	32.04
Allen street,	56.78
Acushnet avenue,	491.81
Beech street,	42.78
Belleville road,	1,497.70
Bolton road,	104.02
Cleveland street,	281.45
Clinton street,	164.51
Coggeshall street,	675.58
Collette street,	1,265.47
Cottage street,	104.86
Court and Chepatchett streets,	381.83
Cove road and First street,	2.25
Davis street,	158.08
Dean street,	606.00
Devoll street,	316.37
First street,	192.61
Front street,	646.98
Front street and Hathaway avenue,	20.50
Front and Tinkham streets,	60.71
Hazard street,	196.02
Hemlock street No. 1	44.14
Hemlock street No 2,	21.32
Jenney Lind street,	59.31
Kempton and Mill streets,	39.73
Maitland and Richmond sts.,	85.56
Maxfield street,	199.61
McGurk street,	326.25
Merrimac street,	44.25
North street,	15.28
Peckham and Myrtle sts.,	182.74
Phillips avenue,	353.24
Reed street,	46.80
Ruth street,	100.00
Rockdale avenue,	444.38
Shawmut avenue,	650.30

TREASURER'S REPORT.

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Summer street,	123.32		
Tallman street,	798.82		
Tinkham street,	151.46		
Trinity street,	70.30		
Valentine and Willard sts. and West French ave.,	221.22		
West French avenue and Woodlawn street,	36.67	11,812 55	163,570.54
Receipts, including balance, December 7, 1903,			\$3,469,862.06
Expenditures, per warrants of the mayor,			3,433,217.86
Balance, December 5, 1904,			\$36,644.20

EXPENDITURES.

Payments on the warrants of the Mayor for the year have been as follows:

Addition to almshouse kitchen,	\$392.89
Additional land, Rural cemetery,	4,000 00
Armories and military property,	2,976.27
Armory dedication,	1,215.16
Board of Assessors,	7,390.33
Board of Health,	32,588.09
" " contagious diseases,	2,133.04
Bulk head, Howland street,	1,017.58
Cemeteries,	31,308.72
" sale of lots,	3,225.03
City property,	6,423.15
" " polling place,	161.10
Portable schools,	106.00
City property, special committee,	1,472.55
Coggeshall street bridge,	30.65
Com. of Mass., Chap. 79, burials,	455.00
" " " " military aid,	4,085.42
" " " " relief,	15,067.01
" " " " State aid,	12,353.50

Court judgments,	1,851.00
Department of Wharves,	4,907.42
" " extention,	16,863.75
Dredging docks,	788.54
Elections,	6,993.84
Engineering department,	10,257.26
Fire department,	86,742.34
Fire station, Kempton and Reed sts.,	16,578.90
" " " " " " drain,	495.20
" " " " " " plans, etc.	533.71
Free public library,	13,017.34
" " " dog fund,	2,814.89
" " " trustees of,	4,478.50
" " " reading rooms,	8.32
Highways and streets,	244,665.75
Incidentals,	75,851.11
" July 4th,	75.00
" Memorial Day,	625.00
Isolation hospital, construction,	27,724.00
" " heating, etc.,	6,493.00
" " plans, etc.,	1,283.17
" " weather strips,	587.95
" " water service,	826.67
Land damages, Fair street,	1,000.00
" " Hope street,	90.00
License commission,	472.56
Lighting the streets,	60,783.13
N. B. & Fairhaven bridge,	3,239.17
N. B. school committee, Howland fund,	3,423.12
" " " Bourne fund,	60.00
N. B. Water Works,	153,359.53
Park commission,	44,999.25
Police department,	124,591.42
Poor department,	75,029.12
Printing, binding, etc.,	5,854.84
Public baths,	1,393.78
Public debt,	342,601.02
Public schools, dog fund,	1,513.80
" " incidentals,	73,072.46
" " pay of teachers,	186,764.41
" " repairs of buildings,	12,172.86
Salaries, city officers,	28,166.68

TREASURER'S REPORT.

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School house, County street, construction,	11,875.78	
" " South " "	26,737.82	
" " " " " plans,		
etc ,	1,000.00	
School house lot, South street,	23,500.00	
Sewers, general,	23,374.35	
Acushnet avenue, No. 1,	16.40	
" " " 2,	170.21	
" " " 3,	206.35	
Belleville avenue,	339.77	
Coggeshall street, No. 1,	1,162.82	
Cottage street, Ne. 2,	688.27	
Hazard street,	751.95	
Maple street,	1.63	
Maitland street,	329.74	
Manomet street,	19,696.23	
Pearl street,	392.65	
Robeson street,	604.72	
Rodney street,	783.98	
Scott street,	175.00	
Shawmut avenue, No. 3,	869.89	
Sinking funds,	131,587.00	
Temporary loan,	1,408,000.00	
Textile school,	7,000.00	\$3,433,217.86

TRUST FUNDS OF THE CITY OF NEW BEDFORD

New Bedford school committee :

One-half of Sylvia Ann Howland bequest, invested in water works construction, @ 6%,	\$50,000.00
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Free public library, trustees' account :

One-half of Sylvia Ann Howland bequest, invested in water works construction, @ 6%,	50,000.00
	<u>\$100,000.00</u>

New Bedford school committee :

Jonathan Bourne, educational fund, held as cash in the treasury, @ 6%,	1,000.00
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TREASURER'S REPORT.

Free public library, trustees' account :

(held as cash in the treasury.)

George Howland, Jr., gift,	1,000.00	
Oliver Crocker, bequest,	1,000.00	
Charles W. Morgan, bequest,	1,000.00	
James B. Congdon, gift,	500.00	
George O. Crocker, bequest, 4%,	10,000.00	
Charles L. Wood, bequest,	2,000.00	16,100.00

Cemetery funds, perpetual care of lots,

(held as cash in treasury), @ 6%,

26,734.93

Cemetery funds, perpetual care of lots,

(savings bank deposits),

Balance, December 7, 1903,

56,064.69

Receipts, 1904,

5,232.00

88,001.62

Trust funds, December 5, 1904,

\$205,101.62

We have examined the foregoing statement of the
City Treasurer and find it to be correct.

FRANK H. FRANCIS,
SAMUEL HIGHAM,
WILLIAM K. LEES,

Sub-committee of the "Joint Standing Committee on
Finance," appointed to examine the accounts of the
City Treasurer and City Auditor.

IN BOARD OF ALDERMEN,

April 13, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

CITY OF NEW BEDFORD,

IN COMMON COUNCIL,

April 13, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

ANNUAL REPORT

OF THE

SINKING FUND COMMISSIONERS

OF THE

CITY OF NEW BEDFORD

For the Year 1904

REPORT

OF THE

Treasurer of the Sinking Funds.

CITY OF NEW BEDFORD, MASS.,
TREASURER'S OFFICE,
January 2, 1905.

*To the Commissioners of the Sinking Funds of the City
of New Bedford :*

GENTLEMEN: — Herewith please find a statement of my account as Treasurer of the Sinking Funds of the City of New Bedford for the year ending at this date, together with a list of securities now held by you.

DR.

Par value of funds, January 1, 1904,	\$1,073,379.03	
Appropriations by the City Council, requirements for municipal debt,	120,555.00	
Received from water rates,	28,000.00	
Received from water rates, balance of 1903,	16,000.00	
Received from wharf rates,	1,040.00	
Premium on bonds sold, etc.,	1,840.55	
Income on investments,	46,144.15	\$1,286,958.73

CR.

Paid accrued interest on investments,	\$2,567.27
Paid premium on same,	10,725.83
Paid City Treasurer, for maturing bonds,	
April 1, 1904,	89,000.00
Sinking funds at par, January 2, 1905,	1,184,665.63
	\$1,286,958.73

APPROPRIATIONS.

The appropriations by the City Council and Water Board, together with the amount received from the income from the city wharves, to reduce the public debt for the year 1904, were as follows, viz:—

Sinking Funds, January 1, 1904,	\$1,073,379.03
For \$30,000 Sewer Bonds, April 1, 1886,	
20 years,	\$1,200.00
\$30,000 Sewer Bonds, October 1, 1886,	
20 years,	1,200.00
\$15,000 Sewer Bonds, April 1, 1887,	
20 years,	600.00
\$35,000 Sewer Bonds, April 1, 1888,	
20 years,	1,400.00
\$43,000 Sewer Bonds, April 1, 1889,	
20 years,	1,720.00
\$48,000 Sewer Bonds, April 1, 1890,	
20 years,	1,920.00
\$57,000 Sewer Bonds, April 1, 1891,	
20 years,	2,280.00
\$100,000 Sewer Bonds, April 1, 1892,	
20 years,	4,000.00
\$100,000 Park Loan, June 1, 1892,	
\$50 years,	1,000.00
\$108,000 Sewer Bonds, April 1, 1893,	
20 years,	4,320.00
\$32,000 Sewer Bonds, April 1, 1894,	
20 years,	1,280.00
\$89,000 Improvement Bonds, April 1,	
1894, 10 years,	5,056.50
\$58,000 Sewer Bonds, April 1, 1895,	
30 years,	1,160.00

SINKING FUNDS.

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\$24,000 Improvement Bonds, April 1, 1895, 10 years,	1,920.00
\$172,000 Improvement Bonds, March 1, 1897, 10 years,	13,760.00
\$128,000 School Bonds, March 1, 1897, 20 years,	5,120.00
\$69,000 Sewer Bonds, March 1, 1897, 30 years,	1,380.00
\$35,000 Sewer Bonds, February 1, 1898, 30 years,	740.00
\$92,000 School Bonds, February 1, 1898, 20 years,	3,880.00
\$82,000 Improvement Bonds, February 1, 1898, 10 years,	5,580.00
\$108,000 Improvement Bonds, February 1, 1899, 10 years,	9,720.00
\$30,000 School Bonds, February 1, 1899, 20 years,	1,200.00
\$33,000 Sewer Bonds, February 1, 1899, 30 years,	825.00
\$200,000 School Bonds, June 1, 1900, 20 years,	8,000.00
\$170,000 Improvement Bonds, March 1, 1902, 10 years,	15,300.00
\$20,000 Water Bonds, April 1, 1888, 30 years,	400.00
\$120,000 Water Bonds, April 1, 1894, 30 years,	2,400.00
\$48,000 Water Bonds, June 1, 1900, 30 years,	1,200.00
\$1,200,000 Water Bonds, April 1, 1896, 30 years,	40,000.00
\$52,000 Wharf Bonds, May 1, 1897, 30 years,	1,040.00
\$30,000 Wharf Bonds, May 1, 1903, 10 years,	1,951.50
\$120,000 Improvement Bonds, December 1, 1903, 10 years,	10,800.00
\$50,000 School Bonds, December 1, 1903, 20 years,	1,242.00
\$120,000 School Bonds, February 1, 1903, 20 years,	4,800.00

SINKING FUNDS.

\$80,000 Improvement Bonds, February 1,		
1903, 10 years,	7,200.00	\$165,595.00
Interest on investments,		46,144.15
Premium on bonds purchased and sold,		1,840.55
		<u>\$1,286,958.73</u>

PAYMENTS.

Payments to City Treasurer, Improvement		
Bonds Matured, April 1, 1904,	\$89,000.00	
Premium on bonds purchased,	10,725.83	
Accrued interest on same,	2,567.27	\$102,293.10
Net value of Sinking Funds, at par		<u><u>\$1,184,665.63</u></u>

SINKING FUNDS — CITY OF NEW BEDFORD.
BALANCE SHEET — JANUARY 2, 1905.

PAGE	NUMBER OF ACCOUNT	DR.	CR.
18	Sinking Fund No. 3, April 1, 1906		\$32,040.52
25	4, Oct. 1, 1908		29,709.81
28	5, April 1, 1907		14,869.45
37	8, April 1, 1908		32,025.80
40	9, April 1, 1918		11,901.80
43	10, April 1, 1909		36,235.51
49	12, April 1, 1910		37,146.94
54	14, April 1, 1911		40,341.30
60	16, April 1, 1912		64,480.64
63	18, April 1, 1912		14,609.11
65	19, April 1, 1913		63,111.22
73	21, April 1, 1914		15,935.50
75	22, April 1, 1904		2,497.03
77	23, April 1, 1924		30,288.43
79	24, April 1, 1927		243,273.43
81	25, April 1, 1925		13,546.23
83	26, April 1, 1905		22,421.00
87	27, Mar. 1, 1907		125,014.31
89	28, Mar. 1, 1917		46,499.05
91	29, Mar. 1, 1927		12,534.82
93	30, May 1, 1927		9,430.46
94	31, Feb. 1, 1928		5,756.01
95	32, Feb. 1, 1918		29,008.66
96	33, Feb. 1, 1908		39,466.39
98	34, Feb. 1, 1909		58,332.18
100	35, Feb. 1, 1919		7,951.73
102	36, Feb. 1, 1929		4,636.11
104	37, June 1, 1920		43,688.55
106	38, June 1, 1930		6,553.33
110	39, July 1, 1951		2,546.15
111	40, Mar. 1, 1932		2,105.01
112	41, Mar. 1, 1922		3,466.85
113	42, Mar. 1, 1912		37,047.48
114	43, Feb. 1, 1923		8,233.42
116	44, Feb. 1, 1913		8,256.36
117	45, May 1, 1913		5,693.16
118	46, Dec. 1, 1913		17,981.93
119	47, Dec. 1, 1923		4,234.47
120	48, Dec. 1, 1933		1,795.48
115	Bond Account,	\$1,168,325.00	
72	Savings Bank Account,	6,787.00	
11	Deposit, First National Bank,	9,553.63	
		\$1,184,665.63	\$1,184,665.63

LIST OF SECURITIES HELD BY THE COMMISSIONERS OF
SINKING FUNDS, JANUARY 2, 1905.

Attleborough, 4s, July 1, 1926,	\$18,000.00
Albany & Susquehanna, 7s, April 1, 1906,	15,000.00
" " 6s, April 1, 1906,	4,000.00
Augusta, Me., 4s, August 1, 1934,	30,000.00
Bridgeport, Conn., 4s, Jan. 1, 1924,	6,000.00
Brockton, Mass., 4s, April 1, 1924,	7,000.00
" " 4s, Dec. 15, 1923,	1,000.00
Burlington & Mo. River, 6s, July 1, 1918,	7,000.00
" " " 6s, July 1, 1918,	3,800.00
Boston & Maine, 4½s, Jan. 1, 1944,	5,000.00
Cambridge, Mass., 4s, Aug. 1, 1924,	32,000.00
" " 4s, Feb. 1, 1924,	4,000.00
Cedar Rapids & Mo. River, 7s, June 1, 1909,	4,000.00
Chicago & No. Western, 7s, April 1, 1911,	5,000.00
C. B. & Q., 4s, October 1, 1919,	6,000.00
" " 3½s, July 1, 1949,	8,000.00
" " Ill. Div., 3½s, Jan. 1, 1949,	28,000.00
" " " 4s, Jan. 1, 1949,	15,000.00
" " Neb. Ex., 4s, May 1, 1927,	5,000.00
" " 4s, July 1, 1905,	5,000.00
Clinton, Mass., 3½s, Oct. 1, 1905-21,	11,000.00
Dakota Central, 6s, Sept. 1, 1907,	35,000.00
Dayton, Chio, 4s, Nov. 1, 1909-12,	20,000.00
Erie & Pittsburg, 3½s, July 1, 1940,	50,000.00
Fitchburg Railway, 4s, March 1, 1927,	5,000.00
Grand Rapids, Mich., 4½s, Oct. 1, 1913,	40,000.00
Hannibal & St. Joe, 6s, March 1, 1911,	5,000.00
Haverhill, Mass., 4s, Oct. 1, 1921,	20,000.00
" " 4s, Dec. 1, 1923,	5,000.00
Hyde Park, Mass., 4s, May 1, 1908,	5,000.00
" " " 4s, May 1, 1909,	5,000.00
Indianapolis, Ind., 4s, March 1, 1924,	5,000.00
" " 4s, June 30, 1924,	5,000.00
Illinois Central, 3s, Aug. 1, 1931,	10,000.00
" " 3½s, July 1, 1953,	7,000.00
Joliet & No. Indiana, 7s, July 10, 1907,	20,000.00
Kalamazoo, Alagan & G. R., 5s, Jan. 1, 1938,	4,000.00
Kansas City, Mo., 4s, Jan. 1, 1924,	34,000.00
" " St. Joe & C. B., 7s, Jan. 1, 1907,	27,000.00

SINKING FUNDS.

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Lynn, Mass., 4s, Jan. 1, 1922,	5,000.00
" " 4s, April 1, 1923,	3,000.00
" " 4s, Oct. 1, 1923,	1,000.00
" " 4s, Sept. 1, 1908,	6,000.00
Malden, Mass., 4s, Jan. 1, 1916,	10,000.00
" " 4s, May 2, 1924,	5,000.00
" " 4s, May 2, 1925,	20,000.00
Mattapoisett, Mass., 3½s, Jan. 1, 1905-14,	6,750.00
Medford, Mass., 4s, Aug. 1, 1918,	30,000.00
Meriden, Conn., 4s, May 1, 1907,	10,000.00
Michigan Central, 3½s, May 1, 1951,	10,000.00
" " 3½s, Sept. 1, 1951,	12,000.00
" " 3½s, May 1, 1952,	20,000.00
Middletown, Conn., 3½s, Dec. 1, 1921,	5,000.00
Milwaukee, Mich., 5s, July 2, 1906,	20,000.00
" Lake Shore & Western, 6s, July 1, 1924,	3,000.00
" Lake Shore & Western, 5s, Feb. 1, 1920,	19,000.00
Naumkeag St. Railway, 5s, July 1, 1910,	5,000.00
Naugatuck Railway, 4s, May 1, 1954,	4,000.00
New Bedford, Mass., 3½s, Oct. 1, 1906,	30,000.00
" " 3½s, Feb. 1, 1918,	4,000.00
" " 3½s, Feb. 1, 1919,	7,000.00
" " 4s, April 1, 1924,	3,000.00
" " 4s, May 1, 1927,	52,000.00
" " 3½s, Feb. 1, 1923,	8,000.00
New Britain, Conn., 4s, Aug. 1, 1908-18,	25,000.00
" " 4s, July 1, 1924,	9,000.00
Newport, R. I., 4s, May 15, 1923,	15,000.00
Newton, Mass., 4s, April 1, 1924,	19,000.00
" " 4s, May 1, 1927,	16,000.00
N. Y., N. H. & H. Ry., 4s, Feb. 1, 1914,	38,000.00
" " 3½s, April 1, 1954,	11,000.00
North Attleboro, Mass., 4s, Sept. 1, 1906,	10,650.00
Peoria & No. Western, 3½s, March 1, 1926,	5,000.00
Plymouth, Mass., 3¼s, Oct. 1, 1910-14,	4,000.00
Quincy, Mass., 4s, June 1, 1907,	2,000.00
" " 4s, May 1, 1923,	20,000.00
Revere, Mass., 4s, Oct. 1, 1905-15,	5,000.00
Saginaw, Mich., 5½s, Nov. 1, 1913,	15,000.00
" " 4s, April 1, 1923,	10,000.00
" " 4s, Oct. 1, 1923,	10,000.00
" " 4s, Dec. 1, 1919,	10,000.00

St. Johnsbury & Lake Champlain, 5s,		
March 1, 1944,	6,000.00	
Taunton, Mass., 4s, June 1, 1905,	11,125.00	
" " 4s, Dec. 1, 1906,	19,000.00	
" " 4s, June 1, 1907,	4,000.00	
" " 4s, June 1, 1915,	1,000.00	
" " 4s, Dec. 1, 1915,	2,000.00	
Wakefield, Mass., 4s, Oct. 1, 1918,	9,000.00	
Waltham, Mass., 4s, Jan. 1, 1907,	3,000.00	
" " 4s, April 1, 1917,	6,000.00	
" " 4s, Jan. 1, 1927,	2,000.00	
West End St. Railway, 4s, Aug. 1, 1932,	33,000.00	
West Indianapolis, Ind., 6s, Feb. 5, 1908,	10,000.00	
" " " 6s, Feb. 5, 1909,	2,000.00	
Woonsocket, R. I., 4s, April 1, 1924,	3,000.00	
Worcester, Mass., 4s, July 1, 1928,	17,000.00	
City Institution for Savings, Lowell,	1,000.00	
Charlestown Five Cents Savings Bank,	1,403.96	
New Bedford Five Cents Savings Bank,	1,521.26	
" " Institution for Savings,	1,431.79	
The Boston Five Cents Savings Bank,	1,429.99	
First National Bank, deposits Jan. 2, 1905,	9,553.63	<u>\$1,184,665.63</u>

Respectfully submitted,

JAMES H. HATHAWAY,

Treasurer of Sinking Funds.

REPORT

OF THE

Commissioners of the Sinking Funds.

CITY OF NEW BEDFORD,
TREASURER'S OFFICE,
January 2, 1905.

To the City Council of the City of New Bedford :

GENTLEMEN: — At a meeting of the Commissioners of Sinking Funds of the City of New Bedford, held this date, it was

VOTED — To adopt the foregoing statement of the Treasurer of the Sinking Funds as the report of the Commissioners of the Sinking Funds of the City of New Bedford, required by the Statutes of the Commonwealth of Massachusetts, to be made annually to the City Council.

[Signed]

MORGAN ROTCH,
WM. A. MACKIE,
BENJ. F. BROWNELL,
Commissioners of the Sinking Funds.

We have examined the foregoing account and find it correct.

FRANK W. FRANCIS,
SAMUEL HIGHAM,
WILLIAM K. LEES,

Sub-committee on Finance to examine the Treasurer's,
Collector's and Auditor's accounts.

IN BOARD OF ALDERMEN,
April 13, 1905.

Received, ordered printed in the City Documents and
sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,
April 13, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

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1905 — CITY DOCUMENT — No. 9.

ANNUAL REPORT

OF THE

CHIEF OF POLICE

OF THE

CITY OF NEW BEDFORD

FOR THE YEAR ENDING DECEMBER 31ST,
1904.

NEW BEDFORD :
THE A.E. COFFIN PRESS, CITY PRINTERS,
1905.

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
January 12, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

WM. S. COOK, Ass't City Clerk.

IN COMMON COUNCIL,
January 12, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

Annual Report.

NEW BEDFORD, MASS.,
December 31st, 1904.

*To His Honor the Mayor, and Gentlemen of the
City Council :*

GENTLEMEN: — I have the honor to submit herewith the annual report of the condition and doings of the Police Department for the year ending December 31st, 1904.

This department at present consists of the following:

Chief,	1	Emergency Officer,	1
Deputy chief,	1	Harbor police,	1
Captains,	2	Wagonmen,	2
Lieutenants,	7	Drivers,	2
Inspectors,	2	Housekeepers,	10
Sergeants,	6	Matron,	1
Patrolmen,	81	Janitor	1
Clerk,	1		
		Total,	119

POLICE REPORT.

NUMBER OF ARRESTS DURING THE YEAR, 1,909.

Arrests by months :—

January,	135	Males,	1,681
February,	141	Females,	228
March,	155	Americaus,	849
April,	130	Foreigners,	1,060
May,	153	Non-resident,	359
June,	141	Minors,	209
July,	141	Commitments,	831
August,	279	On warrants,	501
September,	164		
October,	173		
November,	142		
December,	155		

Arrests in 1896,	2,104
" 1897,	2,089
" 1898,	1,852
" 1899,	2,237
" 1900,	1,875
" 1901,	2,063
" 1902,	2,357
" 1903,	2,302
" 1904,	1,909

AMOUNT OF FINES IN THIRD BRISTOL DISTRICT COURT,
\$4,902.18.

1st quarter,	\$901.01	3rd quarter,	\$2,221.23
2nd "	915.57	4th "	864 37

Fines in 1896,	\$7,885.76
" 1897,	7,084.60
" 1898,	6,089.66
" 1899,	5,141.09
" 1900,	4,663.28
" 1901,	4,319.89
" 1902,	5,242.24
" 1903,	4,630.69
" 1904,	4,902.18

POLICE REPORT.

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LODGERS.

Number of lodgers during the year, 429.

January,	73
February,	64
March,	83
April,	50
May,	21
June,	23
July,	14
August,	8
September,	10
October,	22
November,	20
December,	41

Males,	420
Females,	9
Americans,	250
Foreigners,	179
Non-residents,	414
Minors,	12

NATIVITY OF LODGERS.

United States,	250
British America,	7
Canada,	18
England,	70
France,	1
Germany,	2
Ireland,	58
Portugal,	5
Russia,	4
Scotland,	3
Sweden,	3
Norway,	4
Poland,	

POLICE REPORT.

NATIVITY OF PRISONERS.

United States,	849
Austria,	29
British Guiana,	1
British Provinces,	35
Belgium,	2
Canada,	283
China,	1
Denmark,	1
England,	256
Finland,	3
France,	1
Germany,	21
Greece,	1
Ireland,	179
Italy,	8
Norway,	2
Poland,	37
Portugal,	118
Russia,	15
Scotland,	32
Spain,	1
Sweden,	19
St. Helena,	1
Turkey,	2
Wales,	6
West Indies,	6
	<hr/>
	1909

OFFENCES.

Adultery,	5
Assault and battery,	152
Assault felonious,	1
Assault with weapon,	1
Arson,	1
Attempt at arson,	1
Attempt to rape,	1
Armed with weapon,	2
Assisting in keeping gaming nuisance,	2
Bastardy,	17

POLICE REPORT.

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Breaking, entering and larceny,	19
Bribing voters,	2
Contempt of court,	7
Concealing leased property,	4
Cruelty to dumb animals,	9
Delirium tremens,	1
Disorderly conduct,	8
Disturbing the peace,	67
Drunkenness,	1,083
Deserters,	1
Escaped prisoner,	1
Evading car-fare,	1
Forgery,	4
Fornication,	1
Fugitives from justice,	2
Idle and disorderly,	30
Indecent exposure,	3
Illegal sale of liquor,	6
Insane,	22
Keeping common nuisance,	7
Keeping gaming nuisance,	1
Keeping liquor to sell illegally,	2
Keeping disorderly house,	5
Larceny,	118
Larceny felonious,	1
Lewdness,	1
Lewd and lascivious cohabitation,	4
Malicious mischief,	14
Manslaughter,	1
Neglected children,	1
Night walking,	16
Non-support,	46
Present at illegal gaming,	101
Obstructing officer,	2
Polygamy,	2
Rape,	1
Receiving stolen goods	1
Ringing false alarm of fire,	1
Selling leased property,	1
Selling mortgaged property,	1
Stealing a ride,	4
Stubbornness,	9
Threats,	3

POLICE REPORT.

Trespass by fowls,	1
Unlawfully using boat,	2
Vagrants,	14
Violation of Lord's day,	7
Violation of City Ordinances,	4
Violation of parole,	1
Violation of fishing law,	2
Violation of food law,	49
Violation of health law,	20
Violation of school law,	1

PRIMARY DISPOSITION OF CASES.

Fined,	1,198
Delivered to penal institutions,	164
Continued,	274
Continued on probation,	46
Nolle prossed,	10
Probably guilty,	29
Not guilty and discharged,	35
Placed on file,	60
Bailed and defaulted,	11
Released without arraignment,	28
Delivered to out-of-town officers,	16
Delivered to keeper of jail,	1
Taken to Emergency Hospital,	1
Ordered to insane hospital,	36

Of the above, 571 paid fines; 129 appealed from sentence, and 831 were committed to various penal and other institutions.

MISCELLANEOUS BUSINESS.

Accidents,	15
Amount of property reported stolen in city,	\$3,560.24
Amount of property recovered,	2,110.59
Animals impounded,	27
Ambulance calls,	307
Buildings found open, and secured,	126
Bicycles found,	47

POLICE REPORT.

9

Cases investigated,	7,291
Dangerous buildings reported,	1
Dangerous wires reported,	36
Defective fire-alarm boxes,	2
Defective police boxes,	64
Defective lamps,	7
Defective streets and side-walks,	206
Defective naphtha lamps,	307
Defective gas lamps,	1,141
Defective hydrants,	8
Defective water pipes,	4
Dead bodies found,	3
Disturbances suppressed,	893
Dog notices served,	151
Dogs killed,	19
Fire alarms given,	7
Fire alarm boxes found open,	2
Fires extinguished without alarms,	24
Horses shot,	1
Intoxicated persons helped home,	17
Lost children found and returned,	224
Liquor search warrants served,	5
Notices served,	449
Rescued from drowning,	1
Street obstructions reported,	31
Street obstructions removed,	12
Stray teams picked up,	46
Stray teams put up,	32
Sick and injured persons assisted,	25
Water running to waste,	27
Horses found cast,	25
Hours of extra duty,	2,297
Electric street lights out,	738
Naphtha street lights out,	2,069
Incandescent lights out,	187

POLICE REPORT.**PERSONNEL OF THE FORCE.**

CHIEF :**HENRY W. MASON****DEPUTY CHIEF :****JAMES L. WILBER****CAPTAINS :****JOHN C. PARKER****ARTHUR H. JONES****INSPECTORS :****GEORGE E. GENDRON****FRANKLIN L. HATHAWAY****LIEUTENANTS :****SETH E. BRYANT****THOMAS W. COMSTOCK****THOMAS FAY****THOMAS C. TAFT****CHARLES L. MCBAY****JOSEPH B. WING****COURT AND COMMITTING OFFICER :****LIEUT. LEMUEL D. ADAMS****CLERK :****HENRY N. WEST****SERGEANTS :****CHARLES C. GIFFORD****EDMUND FOLEY****WILLIAM E. ROSCOE****WILLIS C. UNDERWOOD****HARRY D. STOW****JEREMIAH MCCARTHY****POLICE MATRON :****MRS. SARAH M. BROWNELL.**

POLICE REPORT.

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PATROLMEN	AGE	YEARS OF SERVICE
Aldrich, Oscar F.	55	9½
Allen, Edward	41	11½
Allen, Robert N.	60	10½
Allen, Charles E.	36	2½
Almond, Walter	42	12½
Almond, William, Jr.	39	10
Ashley, Henry T.	27	
Atwood, William W.	40	10
Benoit, William R.	32	2½
Breault, Narcisse A.	39	
Cannavan, Patrick	67	36
Callanan, Thomas F.	50	13
Caswell, Charles A.	39	
Church, Charles B.	33	7
Clark, Ulysses L.	46	11½
Clough, George H.	57	7½
Cole, William T.	35	8½
Cowing, William J.	48	10
Cox, James M.	39	12
Craft, James F.	37	
Cushing, William S.	34	
Dahoney, Thomas	46	14½
Daley, Jeremiah E.	34	9½
Daley, Charles F.	30	
Demers, Frank E.	44	12
Deneen, Daniel	42	11½
Dodds, James	51	12½
Doherty, Edward P.	38	9
Dupuis, Wilfred H.	25	
Durant, Lawrence J.	35	2½
Earley, Edward C.	39	8
Fowler, William	40	8
Gibbs, Nathaniel F.	36	2½
Hafford, Stephen, Jr.	47	5
Harrington, Daniel	38	2½
Hayden, Abram L.	33	
Holloway, Arod B.	42	2½
Horton, Eliphalet M.	40	
Howland, William A. E.	37	8½
Ivey, James A.	48	14
Karcher, Frederick	44	2½

Kenney, Patrick	50	10
Lawrence, George R.	47	8½
Lee, Allen L.	71	20
Loftus, Anthony	37	2½
Lowther, George H.	45	8
McDonald, Daniel	42	8
McDonnell, Patrick	34	12
McDonnell, James	36	8½
McEnnis, Robert B.	48	10
McLeod, Samuel D.	37	10
Meehan, Daniel	57	7
Mosher, Albert E.	30	2½
Murdy, Robert H.	37	
Murphy, Cornelius J.	59	24
Nickerson, Charles F.	31	4
Nye, Frederick L.	36	2½
Oliver, John F.	40	11½
Pinkham, George W.	48	11½
Raymond, Hiram E.	50	12½
Remington, Frank L.	38	9½
Ricketson, Harrison D.	38	10
Rooks, John C.	47	18½
Rooks, Albert H.	38	2½
Russell, Eugene F.	54	11½
Savage, James W.	42	10
Sharples, Smith	35	3½
Smith, Andrew J.	61	11½
Smith, Charles F.	48	10
Spooner, John C.	31	2½
Sullivan, James H.	40	4
Sullivan, Timothy	56	29
Sweeney, Daniel P.	42	14
Sylvia, Frank W.	38	9
Taber, Jeremiah M.	38	9
Tripp, Chester L.	45	4
Vogel, Robert F.	35	8
Welch, William	32	2½
Wilcox, Seth A.	34	
Winslow, George F.	67	7
Wixon, James A.	63	33

POLICE REPORT.

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EMERGENCY OFFICER :

Patrick Kennedy	70	21½
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WAGON MAN :

John M. Jones	62	19
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DRIVERS :

William M. Ryan	37	8
Edward F. Jennings	65	8

HOUSEKEEPERS :

Arnett, Henry	58	14
Arnett, James W.	65	28
Dayton, Luther M.	79	48
Eldridge, Washington A.	61	23
Humphrey, Daniel J.	63	26
Manchester, John B.	67	19
Mitchell, William H.	73	20
Stevens, Henry	70	29
Vogel, George	66	20
Wilson, Thomas H.	68	18

HARBOR POLICE :

Sisson, Joseph DeL.	80	26
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JANITOR :

Drew, Moses C.		
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RESERVE POLICE FORCE.

Astley, Thomas	Henderson Joseph C.
Brightman, Ellery E.	Hynes Edward A.
Cleary, William E.	Lamothe, Benjamin
Crapo, Albert A.	Mack, Thomas E.
Dziok, Stanislaus	McKinstry, Albert B.
Downey, Daniel	Moore, James J.
Ellis, Harry C.	Patterson, Charles G.
Fay, John H.	Phinney, Charles E.
Gay, Harry M.	Place, Joseph A.
Grant, George P.	Sherman, George A.
Sullivan, Matthew	Touchette, Hermes
Head, Edgar E.	Vincent Alexander A.
Williams, Benjamin F.	

APPOINTMENTS.

On Dec. 15th, the following named persons, members of the Reserve Police Force, were appointed Regular Police Officers of the City of New Bedford, viz:

Ashley, Henry T.	Dupuis, Wilfred H.
Breault, Narcisse A.	Hayden, Abram L.
Caswell, Charles A.	Horton, Eliphalet M.
Craft, James F.	Murdy, Robert H.
Cushing, William S.	Wilcox, Seth A.
Daley, Charles F.	

On Dec. 15th, the following named persons were appointed members of the Reserve Police Force, to serve a probationary term of six months, in accordance with the Civil Service Rules of the Commonwealth, viz:

Astley, Thomas	Patterson, Charles G.
Cleary, William E.	Phinney, Charles E.
Dziok, Stanislaus	Sherman, George A.
Ellis, Harry C.	Touchette, Hermes
Grant, George P.	Vincent, Alexander A.
Moore, James J.	

In Memoriam

EDGAR W. ALLEN,

Died January 1st, 1904,

Aged 49 years, 1 month, 21 days.

RUFUS H. WILLIS,

Died August 20th, 1904,

Aged 66 years, 5 months, 2 days.

POLICE REPORT.**SIGNAL CALLS.**

Ambulance calls,	307
Duty calls,	381,934
Telephone calls,	31,546
Wagon calls,	927

MATRON'S REPORT.

Number of prisoners,	217
Number of lodgers,	10
Lost children,	10
Number of insane,	14
Neglected children,	2

MRS. S. B. BROWNELL, Matron.

Respectfully submitted,
HENRY W. MASON,
Chief of Police.

1905 — CITY DOCUMENT — No. 10.

ANNUAL REPORT

OF THE

SUPERINTENDENT OF STREETS

OF THE

City of New Bedford

TO THE
CITY COUNCIL

FOR THE YEAR 1904

NEW BEDFORD, MASS.
THE A.E. COFFIN PRESS, CITY PRINTERS.
1905.

Report of Superintendent.

OFFICE OF THE SUPERINTENDENT OF STREETS,
ODD FELLOWS' BUILDING,
January 1, 1905.

To the City Council of the City of New Bedford:

GENTLEMEN: — The annual report of the work of Sewer and Street Departments for the year ending December 3, 1904, is herewith submitted.

The constantly increasing requests for street improvements received by the Board of Aldermen render a careful inspection of localities necessary to determine the desirability of the improvements asked for. Citizens who have improved property on outlying and unimproved streets look for the same consideration at your hands as those who are more favorably situated nearer the center of the city.

The question of how much money should be allowed the department, and where this money should be spent to secure the greatest good of the public, is one which you have constantly to consider. The requests are far in excess of the abilities of the department.

The mileage of accepted streets is sufficient for a population many times greater than we have at present.

Requests for the acceptance of new streets are frequently made for the purpose of making land salable

which has been bought in large areas at a low price, and after being divided into lots is offered for sale at a figure tempting to the individual of moderate means.

A few lots sold, and a few houses built on streets laid out under these circumstances, immediately brings a call for the streets to be graded, guttered, sewered and macadamed, requiring a very large outlay by the departments.

A too liberal policy under such circumstances only invites a continued practice of this method, and it seems only fair that outlying, unimproved areas should wait till such time as the growth of the city requires their development.

The burden of expense on the public for this undue development is not carried entirely by this department, but is felt by the Water, the Fire and the School Departments as well.

In many cities streets are not accepted until the owners of abutting property have made these improvements. While it may not be best to institute this rule in our city, it would seem that a street might at least be graded and made passable before being accepted.

The present condition of our streets is better than at any previous time, and this condition can be maintained so long as a large part of our annual appropriation is applied to the maintenance of our main thoroughfares.

A comparison of the present extent of some of the principal features of improved streets with the same features ten years ago may be interesting, and the following table is made up from the records.

STREET DEPARTMENT.

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	1894.	1904.	Increase.
Accepted streets, miles,	120.00	144.63	20 per cent.
Macadam, "	31.94	65.31	104 " "
Block paving, "	1.75	4.96	183 " "
Asphalt block, "	0.00	0.62	
Bitulithic, "	0.00	1.39	
Cobble paving, "	16.29	13.26	minus 19 " "
Curbing, "	68.10	101.62	49 " "
Concrete sidewalk, "	22.78	34.26	50 " "
Granolithic, "	0.11	5.64	413 " "
Sewers, "	49.89	72.11	44 " "
Catch basins, "	604.00	945.00	56 " "
Population,	55,590	71,000	28 " "

In the Sewer Department the greatest present needs are for enlarged surface water sewers and the extension of some of the outlets to deeper water.

The tables which follow give in detail the work done and the cost of same.

Respectfully submitted,

C. F. LAWTON.

1904.

NEW BEDFORD, MASS.

Population, assessors' estimate, 71,000.

Valuation, \$63,608,350.00.

Area, about $19\frac{1}{2}$ square miles.

144.63 miles of accepted streets.

Two bridges over the Acushnet river. New bridge, 70 feet wide and $\frac{2}{5}$ miles long. Completed, but cost not yet apportioned; $\frac{1}{2}$ Coggeshall Street bridge maintained by New Bedford.

4.958 miles of stone block paving, an area of 64,101 square yards.

0.617 miles of asphalt block paving, an area of 9,929 square yards.

0.35 miles of sheet asphalt paving, an area of 10,891 square yards.

0.34 miles of brick paving, an area of 9,276 square yards.

13.26 miles of cobble paving, an area of 168,040 square yards.

65.31 miles of macadam paving, an area of 812,409 square yards.

1.89 miles of "Bitulithic," an area of 28,498 square yards.

101.62 miles of curbing.

33.75 miles of flag sidewalk, an area of 101,691 square yards.

34.26 miles of concrete sidewalk, an area of 152,898 square yards.

5.64 miles of granolithic sidewalk, an area of 27,352 square yards.

72.113 miles of sewer, 8 to 72 inches diameter.

\$1,074,242.54, cost of sewer system to date.

945 catch basins.

113 eyeholes.

689 sewer manholes.

29 sewer outlets and 3 surface drain outlets into
Acushnet river.

4 sewer outlets into the lower harbor.

7 sewer outlets into Clark's Cove.

APPROPRIATIONS AND EXPENDITURES, 1904.

	Appropriations	Expenditures
Highways and streets,	\$220,000.00	\$213,220.53
General sewers,	16,500.00	14,179.78
Coggeshall street bridge,	200.00	30 65
New Bedford and Fairhaven bridge,	3,000.00	3,239.17
	\$239,700.00	\$230,670.13
**Acushnet avenue sewer, No. 1,	947.53	983.62
**Acushnet avenue sewer, No. 2,	200.00	186.96
Acushnet avenue sewer, No. 3,	200.00	206.35
Belleville avenue sewer,	500.00	339.77
Coggeshall street sewer,	2,501.00	1,352.35
*Coggeshall street sewer, No. 2,	500.00	
Cottage street sewer,	700.00	688.27
Hazard street sewer,	800.00	751.95
**Maitland street sewer,	400.00	329.74
*Manomet street sewer,	25,000.00	19,696.23
*Maple street sewer,	1,500.00	1.63
Pearl street sewer,	500.00	392 65
Robeson street sewer,	800.00	604.72
Rodney street sewer,	1,401.00	785.98
Scott street sewer,	200.00	175.00
**Shawmut avenue sewer,	900.00	869.89
Drain from engine house, Kempton and Reed streets,	500 00	495.20
Howland street bulkhead,	1,017.58	1,017.58
	\$278,267.11	\$259,548.02

**Brought forward from 1903.

*Carried forward to 1905.

Deficit on sewers met by transfers from balances of other sewers
by order of council.

STREET DEPARTMENT.

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HIGHWAYS AND STREETS.

Year	<i>Net Expenditure Appropriation for Year.</i>	<i>New Work.</i>	<i>Maintenance and Repairs.</i>	<i>Stock on Hand Decreased.</i>	<i>Stock on Hand Increased.</i>
1899	\$146,893.75	\$74,858.45	\$75,694.38	\$3,659.08	
1900	142,732.05	83,024.10	60,023.46	315.51	
1901	164,051.42	97,152.15	65,101.36		\$1,797.91
1902	151,157.96	84,781.86	68,943.37	2,567.27	
1903	181,049.75	109,901.81	72,634.74	1,486.80	
1904	219,776.76	113,127.71	106,689.53	40.48	

GENERAL SEWERS.

Year	<i>Net Expenditure Appropriation for Year.</i>	<i>New Work.</i>	<i>Maintenance and Repairs.</i>	<i>Stock on Hand Decreased.</i>	<i>Stock on Hand Increased.</i>
1899	\$10,589.99	\$3,857.73	\$7,405.53	\$673.27	
1900	11,773.41	3,043.52	8,584.22		\$145.67
1901	15,660.28	6,570.64	7,674.02		1,415.62
1902	11,790.64	4,643.52	7,800.77	653.65	
1903	13,620.55	2,984.12	9,449.40		1,187.02
1904	14,179.78	2,180.95	13,154.58	1,155.75	

STREETS LAID OUT AND ACCEPTED.

STREET.	LOCATION	DATE OF ACCEPTANCE.	WIDTH AND LENGTH IN FEET.				
			20 to 37.2	30	40	45	50
Cleveland, Collette, Earle, Emerson, Fair, Fairmont, George, Grant, Grit, Hathaway, Hope, Jennings, Jenny Lind, Morgan, Mott, Nash Road, Park Place, Rodney, Swift, Whitman, Winterville Road,	100 21 ft. so. of Rodney 95 29 ft. no. of Mott, Belleville ave., Front, Belleville ave., Maxfield, Crapo, Rockdale ave., Brock ave., West French ave., Jenny Lind, West French ave., Clark's Cove, Belleville ave., Belleville rd., Second, First, Lake, Chancery, Acushnet river, Belleville ave., Sixth st., West 315.21 ft., Brock ave., Bolton road, Dartmouth, Acushnet river, Hope, Dartmouth line, Rockdale ave.,	April 15, 1904 Nov. 12, 1904 June 24, 1904 July 8, 1904 Oct. 14, 1904 June 10, 1904 Sept. 12, 1904 Nov. 25, 1904 June 24, 1904 July 28, 1904 July 8, 1904 Oct. 14, 1904 June 10, 1904 Jan. 15, 1904 April 16, 1904 June 10, 1904 June 10, 1904 April 16, 1904 June 24, 1904 July 8, 1904 Jan. 16, 1904			806.18 252.60	855.25	486.45 1,105.51 . 613.36 455.72 618.05 573.71 446.00 1,294.44 1,553.67 1,539.80 1,551.18 1,285.51 797.00 1,173.04
Total length, 16,279.00 feet — 3.084 miles.			178.73	315.21	1,496.92	885.26	13,432.89

STREETS WIDENED.

STREET.	From	To	DATE OF ACCEPTANCE.	
Weld,	69.9-ft. east of Bowditch,	Purchase,	May 13, 1904	30 ft. on north side.

MACADAM, NEW

STREET	LOCATION.	Length.	Area Sq. Yds.	Cost.
Abbott,	Ruth and East French ave.	526.	1,403.	\$765.12
Austin,	State and County.	218.	654.	391.50
*Belleville ave.	Sawyer and Bullard,		3,205.8	864.82
Briggs,	Rivet and Thompson,	450.	1,200.0	484.56
Bullard,	Bowditch and Onoko Mill,	464.4	1,186.8	568.77
Cherry,	Sixth and County,	460.	869.	390.76
W. French ave.	Brock ave and Cove,	1,187.	4,185.8	2,406.55
Front,	Gifford and Delano,	378.	756.	398.64
Front,	Delano and Rivet,	740.	1,480.	704.12
*Gifford,	The River and Harbor st.	609.	1,624.	897.18
Grape,	Oak to 15 ft. west of east line of Field,	763.	1,526.	729.01
Hall,	Rivet and Rockland,	752.	1,504.	670.82
*Harbor,	Cove and Gifford,	940.0	2,108.9	604.45
Harmony,	Brock ave. and Social,	359.	957.3	462.31
Hazard,	Pleasant and County,	615.	1,845.	918.69
Hillman,	Park and Newton,	375.	958.3	453.76
Hunter,	Kempton and North,	378.	756.	299.17
Kenyon,	Front and Acushnet ave.	768.	1,536.	761.33
Maple,	Ash and Chancery,	382.	1,018.6	223.75
North,	Florence and Hunter,	353.	666.8	344.28
Orchard,	Union and Court,	250.	500.	205.53
Riverside ave.	Coffin ave. and Manomet,	1,024.	2,752.	859.05
Rivet,	Front and Water,	186.5	373.	197.57
Robeson,	Cottage and Shawmut ave.	1,091.	2,147.	1,007.22
Rounds,	Elm and Kempton,	540.	1,080.	415.62
Ruth,	Cleveland, east,	307.	818.7	339.91
Seventh,	Cherry and Madison,	203.	406.	207.63
Tallman,	Acushnet ave and Bowditch,	574.	1,530.6	868.37
Viall,	Ruth and Cove,	755.	1,929.4	999.17
Warwick,	Thompson and Rockland,	356.	712.	271.21
		16,003.9	41,890.0	\$18,710.87

*Partly rebuilt.

Cost per square yard,

\$.470

Cost per foot,

1.13

Average tons of stone per square yard,

.352

BITULITHIC.

STREET.	LOCATION.	LENGTH.	AREA. Sq. Yds.	Cost.
Elm,	Purchase and Sixth,	433.2	1,149.9	\$2,560.54
Fifth,	Walnut and Spring,	677.8	1,983.1	4,393.42
Pleasant,	Maxfield and Pearl,	1,330.3	3,765.0	8,393.45
Second,	Cannon and School,	1,312.9	3,673.3	8,184.00
Sixth,	Union and William,	409.9	919	2,026.49
Sycamore,	Pleasant, west,	113.2	306.2	679.60
Water,	Union and William,	364.5	1,046.7	2,317.49
William,	Pleasant and Sixth,	209.9	494.9	1,088.80
		4,851.7	13,338.1	\$29,637.79

Average cost per square yard, \$2.22.

MACADAM, REBUILT.

STREET.	LOCATION.	Length.	Area. Sq. Yds.	Cost.
Acushnet ave.,	Coffin ave. and Lund's Corner,	7,569.0	18,502.0	\$7,757.38
Allen,	East of Rockdale ave.,	835.0	2,041.1	992.43
Coffin,	Second and Water,	354.0	711.5	219.19
Cottage,	South of Arnold,	995.0	2,011.3	629.00
Court,	Square at Cottage,	40.0	131.6	73.15
Delano,	Water and First,	168.0	336	124.41
First,	Potomska and South,	680.0	1,360	331.59
Grinnell,	Crapo and Orchard,	460.0	920	582.67
Grinnell,	Acushnet ave. and Fifth,	423.0	877.5	
Mill,	Chestnut and Cedar,	560.0	1,120	281.19
Second,	Rivet and Potomska,	508.0	1,016	285.64
Sixth,	Bedford and Russell,	318.0	636	212.46
State,	Linden and Weld,	532.0	1,064	342.38
		13,442.0	30,727.0	\$11,771.49

Cost per square yard,	\$.383
Cost per foot,	.875
Average tons of stone per square yard,	.270

MACADAM, REPAIRED.

Total cost,	\$2,540.32
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PAVING, NEW.

STREET.	LOCATION.	GRANITE BLOCK.		COBBLE.		Cost.
		Length. Feet.	Area. Sq. Yds.	Length. Feet.	Area. Sq. Yds.	
* Second, West French ave., **Water,	Middle and High, Brock ave. and Cove, Rivet and South,	1,300.6	3,209.1	372 597	711 99.5	\$321.47 39.89 1 0,04315
.	.	1,300.6	3,209.1	969	810.5	\$10,403.51
*Partly relaid. **Laid on concrete foundation.						
Total cost of granite block paving,		\$10,042.15				
Cost per square yard concrete foundation,		3.12				
Total cost of cobble paving,		\$61.26				
Cost per square yard, new,		.40				

PAVING, REPAIRED.

Cobble paving,	\$3,909.78
Asphalt paving,	42 80
Block paving,	202 27

FILLING AND GRADING.

STREET.	LOCATION.	COST.
Ashley	South of Cove	\$592.40
Belleville ave.	North of Hathaway	391.82
Bolton road	North of Rockland	142.88
Briggs	North of Rockland	294.78
Bowditch	North of Nash road	878.51
Bowditch	North from south line Brooklawn Park	769.22
Cleveland	South of Ruth	318.33
Clover	Grape and Allen	176.28
Collette	Front st. and Acushnet ave.	139.36
David	East of Brock ave.	499.60
Deane	West of Acushnet ave.	201.27
Durfee	West of Shawmut ave.	119.54
Eugenia	West of Hope	357.87
West French ave	At Cove	153.47
Front	Gifford and Rivet	232.64
George	West of Brock ave.	228.11
Gifford	East of Harbor	152.93
Grit	West of Thatcher	103.15
Hathaway	West and east of Belleville ave.	1,001.03
Hawthorn	West of Rotch to Dartmouth line	734.52
Holly	Belleville ave. and Bowditch	271.70
Hope	Hathaway to north of Whitman	1,545.06
Howland dock		1,802.66
Jean	Coggeshall and Sawyer	205.08
Jouvette	West of County	1,073.59
Liberty	Hillman and Maxfield	417.43
Lucas	Brock ave., west	608.76
Middle	Foot of, at dock	1,880.76
Mott	Brock and East French aves.	482.11
Mt. Pleasant road,		237.84
Nash road	East of North Front	139.14
Norman	East French and Brock aves.	318.42
North	Foot of, at dock	1,676.58
North	City lot	290.12
Newton	Court and Elm	107.96
Pairpoint dock		394.69
Peckham and		
Braley roads		260.22
Plainville road		142.22
Potter	East of Shawmut ave.	111.08
Potomska	Foot of	613.47
Phillips ave.	Riverside ave., and Bowditch	170.88
Riverside ave.	North of Davis	3,807.22
Rockdale ave.	East of Dartmouth	187.01
Rockdale ave.	Allen, south	347.05
Rockdale ave.	South of Kempton	464.55
Rodney	West from East French ave.	1,321.79

FILLING AND GRADING. — *Continued.*

STREET.	LOCATION.	COST.
Ruth	Cleveland to East French ave.	157.82
Salisbury	Ruth and Cove	131.74
Scott	West of County	334.86
Shawmut ave.	North of Hathaway road	1,190.57
Tallman	Foot of	335.39
Tarkiln Hill road,	Acushnet station and Mt. Pleasant road	258.46
Thatcher	Cove road and Grit	139.87
Tinkham	Front to west of Bowditch	553.01
Wall	Foot of	1,068.62
Washburn	Foot of	1,299.42
Welcome	East of West French ave.	131.60
Whitman	West of Hope	142.34
Willard	East of Brock ave.	456.18
Winterville road	West of Rockdale ave.	878.11
Woodlawn	West French and Brock aves.	620.66
Sundry streets	Costing less than \$100.00	2,552.84
		\$36,615.59
Deducted because charged to collecting ashes,		\$7,779.16
"	" " street cleaning,	2,138.16
"	" " cleaning catch-basins, 1,433.06	11,350.38
		\$25,265.21

STREET DEPARTMENT.

GUTTERS, NEW.

STREET	LOCATION	LENGTH	AREA Sq Yds.	COST
Abbott	Both sides Ruth and East French ave.	793	264.1	\$191.29
Ashley	Both sides Cove and Ruth	864	274.7	232.29
Beetle	Both sides Acushnet ave. and Bowditch	1109	369.7	208.18
Belleville ave.	West side Sawyer and Nye	709	275.7	187.99
Bentley	Both sides Acushnet ave. and Bowditch	1023	341.0	200.68
Bolton road	Both sides Rivet, north	503	195.2	108.16
Bourne	East side Thompson and Spooner	310	103.3	98.13
Briggs	East side Rivet and Thompson	440	171.1	125.38
Bullard	Both sides Bowditch, west	1018	395.5	243.27
Chancery	East side Maxfield and Sycamore	235	91.4	57.36
Cleveland	Both sides Ruth, south	866	336.3	177.80
Cleveland	Both sides Ruth ave., north	226	75	89.42
*Clove:	West side Allen, south	231	77	32.21
Cove road	South side West French ave. and Thatcher	231	77	276.44
Thatcher	Both sides Grit and Cove road	619	206.3	284.55
David	Both sides Brock and West French aves.	793	308.0	85.25
David	North side Cleveland, east	208	117.5	238.41
Dean	Both sides Bowditch and Brook	928.3	361.0	32.69
Delano	South side Water and First	158	52.7	73.97
Front	East side Gifford and Delano	378	126	31.50
Field	East side Stowell, north	117	39	339.13
Gifford	Both sides the River and Harbor	1398	549.1	452.67
Harbor	Both sides Cove and Gifford	1890	738.7	84.60
Harmony	West side Brock ave. and Social	343	133.4	244.21
Jean	Both sides Coggeshall and Sawyer	987	383.8	120.78
LaFrance Court	Both sides County, west	514	171.3	149.27
Lombard	Both sides Thompson and Rockland	567	220.5	202.73
Lucas	Both sides Brock ave., west	632	243.0	

STREET DEPARTMENT.

19

GUTTERS, NEW.—Continued.

STREET	LOCATION	LENGTH	AREA Sq. Yds.	COST
Maxfield	South side Spruce and Cedar	137	45.7	\$39.24
McGurk	Both sides Ruth and Cove	1233.5	419.6	320.07
Morton Court	Both sides Cove st., north	1012	364	248.12
Nye	Both sides Belleville ave. and Front	1063	413.4	263.41
Orchard	West side north Fair	81	31.5	18.94
Phillips ave.	Both sides Acushnet ave. and Bowditch	793	284.3	580.72
Phillips ave.	Both sides Belleville ave. and Front	1498	598.1	294.95
Pope	Both sides County and Chestnut	1364	454.5	78.72
River road	West side Main st., south	262	101.9	548.74
Riverside ave.	Both sides Coffin ave. and Manomet	2098	815.9	772.90
Ruth	Both sides E. French and West French aves.	3441	1355.3	307.05
Salisbury	Both sides Ruth and Cove road	1378	635.9	202.74
Scott	Both sides County, west	920	357.7	164.64
Social	North side McGurk and West French ave.	737	245.6	269.04
Sycamore	Both sides Chancery and Park	986	364	245.42
Tallman	Both sides Acushnet ave. and Bowditch	1130.0	381.5	220.37
Tinkham	South side Acushnet ave. and Bowditch	1064	413.8	193.56
Welcome	Both sides McGurk and West French ave.	783	263.7	96.14
W. French ave.	East side Social and Cove	351	117	
		38,287.8	14,243.7	\$9,401.03

*Unfinished.

Cost per square yard, \$.061

Cost per foot, length and average width, .246

STREET DEPARTMENT.

GUTTERS REPAIRED.

Total cost,	\$702.49
Length in feet,	485
Area in square yards,	145
Cost per foot,	.09
Cost per square yard,	.27

STREET DEPARTMENT.

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CURBING, NEW.

STREET	LOCATION	LENGTH	COST
Abbott	N. E. and N. W. cor. Ruth	26.0	\$18.32
*Acushnet ave.	West side, north of Sawyer	165.0	104.08
Acushnet ave.	Both sides Holly and Nye	278.9	249.29
Acushnet ave.	East side, south of Davis	65.3	55.80
Allen	North side Cottage and Borden	231.2	217.82
Allen	South side, west of Field	87.6	72.72
Allen	South side, west of Clover	63.0	48.26
Arnold	North side, east of Park	62.7	45.58
Asbland	East side Hazard and Studley	45.0	40.56
Austin	Both sides, west of Shawmut ave.	152.6	121.31
Belleville ave.	S. W. cors. Holly, Nye and Tallman, and N. W. cor. Tallman	50.0	44.27
Bonney	East side, south of Rjvet	268.9	227.42
Bourne	S. E. cor. Spooner	12.5	8.81
Bowditch	Both sides Cedar Grove and Coggeshall	316.9	245.15
Bowditch	Both sides Sawyer and Nye	797.1	578.12
Bowditch	Both sides Bullard and Deane	195.1	135.48
Bowditch	S. W. and N. W. cors. Bullard	25.0	18.72
Bowditch	Both sides Coffin and Phillips aves.	350.5	264.98
Brock ave.	S. W. and N. W. cors. David	25.0	19.24
Brook	West side, north of Holly	74.5	67.76
Cedar Grove	North side, west of Cotter	79.6	61.47
Chancery	West side, south of Tilton	39.7	31.89
Clinton	North side, west of Orchard	57.2	54.21
Clover	West side, south of Allen	220.2	167.99
Cottage	West side, north of Collins	97.3	73.46
Cottage	East side Merrimac and Locust	73.7	57.19
Cotter	West side, north of Cedar Grove	71.3	62.08
Court	South side Tremont and James	65.2	55.51

CURBING, NEW. (Continued).

STREET	LOCATION.	Length	Cost
Cove road	South side, Thatcher and French ave.	207.5	\$156.87
Dartmouth	East side, north of Dunbar	44.2	38.54
Davis	South side, east of Acushnet ave.	14.1	7.96
*Delano	Northwest corner Front	168.0	137.61
Dunbar	North side, east of Dartmouth	94.5	76.16
Elm	Both sides, Pleasant and Sixth	56.8	45.44
Fair	North side, Orchard and Bolton rd.	325.0	247.56
Field	West side, south of Allen	60.0	50.48
First	West side, Rivet and Potomska	96.0	81.45
First	West side, south of Jennings' ct.	80.5	71.00
First	West side, south of Cove	89.3	68.13
French ave., W.	West side, south of Cove rd.	29.2	23.76
Front	West side, north of Holly	73.8	55.45
Fruit	South side, west of Juniper	172.4	142.34
Fruit	North side, Juniper and Hemlock	175.5	130.47
Harbor	Southeast and southwest corners Gifford	25.0	19.09
Harmony	West side, Brock ave. and Social	342.1	245.87
Holly	North side, Front and Acushnet ave.	37.9	29.57
Holly	Both sides, Bowditch and Brook	714.4	548.86
Jean	Southeast corner Sawyer	12.5	9.26
Jenning's Court	South side, First and Second	204.6	217.81
Juniper	West side, south of Fruit	54.5	69.68
Keen	South side, west of Park	48.0	36.17
Kenyon	Southeast and northwest corners Front	25.0	19.28
Lombard	Both sides, Thompson and Rockland	527.3	606.94
Maxfield	Southeast corner Cedar	12.5	8.84
McGurk	West side, south of Social	209.7	176.69

CURBING, NEW. (Continued).

STREET	LOCATION	Length.	Cost
Merrimac	North side, east of Summer	40.9	\$32.67
Middle	South side, west of Florence	60.0	41.73
Mill	North side, east of Beech	103.6	84.03
Newton	West side, north of Court	64.3	48.68
North	Both sides, Florence and Hunter	382.4	297.58
Park	East side, north of Arnold	92.5	67.75
Park	West side, south of Keen	79.6	65.23
Park place	Both sides, west of Sixth	546.0	395.80
Phillips ave.	Northeast and Southeast corners Front	22.91	85.79
Phillips ave.	South side, east of Bowditch	108.1	19.17
Riverside ave.	Northwest and Southwest corners Davis	25.0	17.60
Riverside ave.	Northeast and northwest corners Coffin ave.	25.0	14.10
Riverside ave.	Southwest and northwest cors. Phillips ave.	25.0	205.82
*Rivet	South side, Crapo and Bonney	248.3	53.09
Rivet	North side, Crapo and Bonney	57.0	9.73
Rivet	Northeast corner Briggs	12.5	84.28
Rockdale ave.	West side, north of Hillman	114.6	64.37
Rockland	North side, east of Briggs	59.9	121.56
Rotch	East side, south of Court	133.4	6.23
Ruth	Southwest corner East French ave.	8.4	22.05
Ruth	Northwest and northeast corners Cleveland	25.0	40.26
Ruth	N. E. and N. W. cors. Ashley and Harrison	50.0	26.39
Ruth	Northeast and northwest corners Salisbury	25.0	164.87
Ruth	South side, east of Harrison	164.1	146.14
Ruth	North side, Viall and McGurk	167.6	83.74
*Sawyer	North side, west of Acushnet ave.	106.7	47.98
Shawmut ave.	West side, south of Austin	57.2	

STREET DEPARTMENT.

CURBING, NEW. (Continued).

STREET	LOCATION	Length	Cost
Short	East side, south Allen	63.4	\$49.61
Social	South side, west of McGurk	59.3	40.94
South	North side, west of County	113.1	98.10
South	South side, County and Crapo	230.8	184.57
State	West side, north of Willis	51.2	35.94
Sycamore	Southwest corner Ash	12.5	8.70
Sycamore	Both sides, west of Emerson	173.0	126.12
Sycamore	Southeast corner Chancery and Southeast corner Sycamore and Park	25.0	16.88
Sycamore	Northeast corner Park	12.5	11.52
Tallman	Both sides, Acushnet ave. and Bowditch	1,097.6	781.28
Thatcher	Both sides, Cove road and Grit	1,334.1	282.75
Thompson	North side, Briggs and Bolton rd.	61.1	49.72
Viall	West side, north of Ruth	63.4	52.78
Welcome	Both sides, McGurk and West French ave.	591.0	474.53
Willis	North side, west of Chancery, and Chancery, west side, north of Willis	143.3	130.36
		18,713.6	\$11,064.21

* Partly rebuilt with old stones.

Cost per foot,	\$0.80
Cost per foot of stone,	.52
Cost per foot of labor,	.28
Cost curbing, new, with old stone,	.23
Length feet curbing, new, with old stone,	283 ft.
Total cost new curbing,	\$10,798.70

CURBING, RELAID.

Total cost,	\$6,468.86
Cost per foot relaid with new stone,	.84
Cost per foot relaid with old stone,	.23
Length feet curbing relaid with new stone,	5,485.4
Length feet curbing relaid with old stone,	6,447.0

CONCRETE, NEW.

STREET.	LOCATION	Area Sq. Yds.	Cost
Acushnet ave.	East side, south of Grinnell	8.79	\$10.42
Acushnet ave.	West side, Willis and Pearl	25.46	16.27
Acushnet ave.	West side, south of Nye	79.66	48.84
Ash	South side, Hillman and Maxfield	106.61	92.60
Bentley	West side, west of Acushnet ave.	56.91	45.55
Bowditch	East side, Cedar Grove north	71.01	29.88
Cedar	East side, Willis and Parker	4.06	8.10
Cove	North side, east of Water	2.22	5.85
Crapo	East side, Rockland and Fair	110.67	84.43
Rockland	North side, Crapo east	4.97	
*Delano	North side, Front and Water	173.02	126.39
Elm	South side, east of Purchase	11.39	16.10
*First	East side, north of Potomska	56.89	33.44
First	West side, north of Delano	12.74	9.65
Kenyon	North side, east of Acushnet ave.	77.69	66.14
*Madison	Southeast corner Seventh	53.93	58.61
Mill	North side, west of Hill	6.07	5.93
North	South side, west of Purchase	12.60	10.92
Nye	South side, west of Acushnet ave.	66.73	43.79
Orchard	West side, north of Hawthorn	11.20	12.09
*Potomska	North side, Water and First	70.53	34.56
Reed	East side, Elm and Kempton	89.13	54.56
Rivet	South side, Acushnet ave. and Fourth	44.60	39.36
School	South side, east of County	16.50	22.14
Spring	South side, east of Fourth	21.92	19.18
*Water	East side, south of Delano	35.62	125.89
*Partly rebuilt.		1,330.12	\$1,020.49
Average cost per square yard,		\$.763	

CONCRETE, REPAIRED.

Total cost,	\$5,208.38
Area in square yards rebuilt,	6,758.37
Cost per square yard,	\$.627
Area in square yards, topcoat,	537.53

STREET DEPARTMENT.

GRANOLITHIC.

STREET	LOCATION	Area Sq. Yds.	Cost
Acushnet ave.	West side, Sawyer north	162.75 }	\$499 17
Sawyer	North side, Acushnet ave. west	106.63 }	
Acushnet ave.	East side, Holly and Tallman	87.14	166.83
Allen	North side, east of Green	92.88	171.06
Arnold	South side, west of Orchard	34.20	69.91
Arnold	North side, Chancery east	53.34	108.93
Ashland	East side, north of Hazard	35.53	62.88
Blackmer	North side, First east	59.33 }	193.90
First	East side, Blackmer north	46.26 }	
Bonney	East side, Rivet south	15.74	221.24
Rivet	South side, Bonney east	123.09 }	
Bowditch	West side, north of Cedar Grove	53.08	113.38
Clinton	South side, County west	147.21	306.84
Clinton	South side, east of Ash	43.66	80.86
Cottage	East side, Locust and Merrimac	68.53	137.81
County	East side, south of Rivet	103.68	150.42
County	East side, south of Thompson	46.93	84.82
County	West side, north of Maxfield	42.36	83.89
County	South side, west of Chancery	43.93	73.94
Cove	South side, McGurk west	90.65	187.77
Davis	South side, Acushnet ave. east	23.45 }	
Acushnet ave.	East side, Davis south	72.92 }	166.15
Delano	North side, First west	116.01	227.98
Delano	South side, west of First	41.82	82.53
Elm	South side, Purchase and Pleasant	216.63	407.75
Fourth	West side, north of Rivet	34.08	52.58
First	West side, north of Grinnell	73.87	136.31

GRANOLITHIC. (Continued).

STREET	LOCATION	Area Sq. Yds.	Cost
Fifth	West side, Russell south	141.96	\$198.85
Kenyon	South side, Front and Acushnet ave.	41.65	81.34
McGurk	East side, Ruth north	66.56	207.47
McGurk	West side, Cove south	47.85	
Middle	South side, west of Florence	27.28	49.14
Mill	North side, east of Beech	21.24	100.85
Mill	North side, Hunter and Beech	19.76	
Mt. Pleasant	West side, Weld and Clark	64.25	140.71
Pleasant	West side, Maxfield and Sycamore	272.79	506.88
Pleasant	West side, Sycamore north	163.49	314.12
Rivet	South side, County east	105.37	206.43
Robeson	South side, west of County	70.77	150.55
Rockland	North side, Briggs east	46.63	81.38
Russell	South side, Fifth west	104.31	232.57
Russell	North side, Sixth and County	75.55	169.46
Ruth	North side, Viall and McGurk	181.27	313.41
Smith	North side, west of Walden	45.20	83.09
South	South side, County and Crapo	126.60	248.19
South	North side, west of County	71.83	167.57
State	West side, north of Willis	23.55	56.58
Sycamore	Both sides, Pleasant west	223.27	382.88
Thomas	East side, north of Maxfield	39.87	80.03
Thompson	North side, west of Briggs	53.78	117.82
Viall	West side, north of Ruth	69.12	109.79
Water	West side, north of Grinnell	41.54	80.19
		4,181.11	\$7,873.07

*Average cost per square yard, \$1.88

RECAPITULATION—HIGHWAYS AND STREETS.

GROSS EXPENDITURES.

Macadam, new,	\$18,710.87
Macadam, rebuilt,	11,771.49
Macadam, repaired,	2,540.32
Bitulithic, new,	29,637.79
Filling and grading,	25,265.21
Curbing, new,	10,798.70
Curbing, relaid,	6,468.86
Gutters, new,	9,401.03
Gutters, repaired,	702.49
Concrete sidewalks, new,	1,020.49
Concrete sidewalks, repaired,	5,208.38
Granolithic sidewalks, new,	7,873.07
Flagging, new and repaired,	1,692.55
Gravel and cinder sidewalks,	6,286.74
Paving, new (stone),	10,403.51
Paving, repaired (stone),	4,154.85
Crosswalks, new and repaired,	201.11
Driveways,	113.98
Collecting ashes,	11,846.44
Sweeping and cleaning streets,	23,509.77
Removing snow and ice,	6,854.30
Sanding icy walks,	632.73
Filling holes in streets,	948.37
Building bank walls, sundry places,	644.23
Filling reservoirs,	358.45
Picking up small stones,	534.74
Carting stock to city yard,	64.71
Labor handling stock,	142.52
Stable yard work,	534.19
Stable office expenses and salaries,	1,659.69
Main office expenses and salaries,	4,258.84
Janitor,	134.85
Registration clerk,	135.21

STREET DEPARTMENT.

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Tools, new and repaired,	1,649.52
Concrete mixer and sand heater,	366.89
Repairs to buildings, and new shed,	771.56
Fences, new and repaired,	32 33
Pumps, repaired,	27 30
Accident account,	640.50
Advertising,	18.12
Miscellaneous items,	1,180.74
Stock, labor and teaming charged at cost,	35,608 77
Stock on hand December 3, 1904,	3,735.72
	<hr/>
	\$248,441.95

CR.

Appropriation,	\$220,000.00	
Credits,	24,888.99	
Stock on hand December 5, 1903,	3,776.20	
Excise tax on street railway companies,	6,556.23	\$255,221.42
Expended		248,441.95
		<hr/>
Transferred,		\$6,779.47

NET EXPENDITURES — HIGHWAYS AND STREETS.

Appropriation,	\$220,000 00
Excise tax on street railway companies,	6,556 23
	<hr/>
	226,556 23
Credit balance,	6,779 47
	<hr/>
	\$219,776.76

HIGHWAYS AND STREETS.

CENTRE CRUSHER.

20 tons of stone, at 53.48 cents per ton.
 15,420 tons of stone, at 54.54 cents per ton.
1,819 tons of stone, at 89.65 cents per ton.

17,259 total.

Average cost of stone,	52.96 cents per ton
Average cost of crushing,	37.02 " " "
Total cost,	<u>89.98 " " "</u>

PORTABLE CRUSHERS.

DUNBAR ST , WEST OF BOLTON RD.

100 tons of stone, at 64.42 cents per ton.
 10,202 tons of stone, at 56.37 cents per ton.
1,211 tons of stone, at 50.45 cents per ton.

11,513 total.

Average cost of stone,	55.81 cents per ton
Average cost of crushing,	28.18 " " "
Total cost,	<u>83.99 " " "</u>

COFFIN AVE., COR. OF CHURCH ST.

75 tons of stone, at 58.53 cents per ton.
 9,247 tons of stone, at 57.37 cents per ton.
855 tons of stone, at 40.67 cents per ton.

10,177 total.

Average cost of stone,	55.97 cents per ton
Average cost of crushing,	34.89 " " "
Total cost,	<u>90.86 " " "</u>
Average cost of crushed stone,	.884 " " "

STREET DEPARTMENT.

33

STABLE AND TEAMING ACCOUNT.

Stock on hand December 5, 1903 (horses, teams, harnesses, hay, grain, straw, etc.),		\$18,021.25
Gross cost for 1904,		44,098.97
		<hr/>
		\$62,120.22
Received for dressing,	\$385.13	
Received for pigs,	66.50	
Received from sundry persons,	44.40	
Stock on hand December 3, 1904,	18,243.90	18,739.93
		<hr/>
Cost of teaming, including repairs of carts,		\$43,380.29
Charge for work teams have done,		\$36,586.19

DEPARTMENT HORSES.

Working horses,	40
Driving horses,	3
	<hr/>
	43

CARTS IN USE.

Double carts,	15
Single carts,	17
Express wagons,	4
	<hr/>
	36

EXTRA CARTS, ETC.

Sundown,	1
Light driving wagons,	3
Open buggy,	1
Goddard buggy,	1
Water carts,	2
Jigger,	1
Single gear,	1
Single gears (tree spraying),	2
Derrick gears,	2
Sleighs,	2
Road scrapers,	2
Street sweepers,	5
	<hr/>
	23

STREET DEPARTMENT.

BLACKSMITH SHOP.

Stock on hand December 5, 1903		\$1,928.96
Gross cost for 1904,		3,542.01
		<hr/>
		\$5,470.97
Charged to sewers,	\$280.03	
General sewers,	529.67	
Sundry persons and departments,	58.15	
Stock on hand December 3, 1904,	2,077.14	2,944.99
		<hr/>
Cost of blacksmithing to highways and streets,		\$2,525.98

ANNUAL REPORT OF THE
NEW BEDFORD & FAIRHAVEN DRAWBRIDGE,
YEAR ENDING DECEMBER 31, 1904.

	Boats	Towboats	Barges	Schooners	No. of Vessels	No. of Openings	No. of Tons
January,	0	22	11	3	56	36	5,600
February,	0	39	13	4	81	56	10,000
March,	9	25	13	7	82	54	9,310
April,	79	35	11	8	176	133	11,750
May,	187	59	40	6	386	292	20,950
June,	218	27	23	2	354	270	12,850
July,	235	33	23	3	382	294	12,350
August,	246	39	23	4	419	312	14,650
September,	193	33	18	9	330	253	10,825
October,	120	40	31	10	262	201	24,250
November,	36	36	18	7	136	97	13,850
December,	0	25	11	4	57	40	7,700
Totals,	1323	413	235	67	2721	2038	154,085

STREET DEPARTMENT.

HIGHWAYS AND STREETS.

	1899	1900	1901	1902	1903	1904
Macadam, new	\$24,417.11	\$25,599.47	\$25,529.65	\$12,396.20	\$19,318.35	\$18,710.87
Macadam, repaired	1,186.97	1,797.34	1,831.96	1,054.15	1,368.27	2,540.82
Macadam, rebuilt	20,773.43	9,128.12	14,465.02	6,418.67	15,808.34	11,771.49
Bitulithic			9,954.70		24,393.78	29,637.79
Streets filled and graded	9,387.82	15,162.16	12,338.83	23,817.33	18,377.00	25,265.21
Curbing, new and relaid	8,171.18	7,805.38	7,827.41	11,276.80	14,653.44	17,267.56
Gutters, new	7,810.30	10,502.98	11,565.59	9,172.64	9,120.79	9,401.03
Gutters, repaired	2,187.37	1,108.84	1,314.64	899.99	1,120.60	702.49
Concrete sidewalks, new	2,023.93	8,645.00	2,526.59	1,971.67	3,535.95	1,020.49
Concrete sidewalks, repaired	1,553.50	1,960.90	3,417.07	5,087.86	4,030.12	6,208.38
Gravel and cinder sidewalks	3,646.54	5,580.39	7,229.47	5,060.63	7,219.52	6,286.74
Granolithic		3,118.80	6,214.99	5,839.17	12,947.80	7,873.07
Paving, new	27,477.52	17,230.63	21,687.26	22,730.93	9,423.61	10,403.51
Paving, repaired	6,026.53	2,642.07	4,039.17	2,256.47	4,408.91	4,154.85
Flagging, new and repaired	1,301.54	1,238.24	2,124.54	999.23	2,088.34	1,692.55
Crosswalks, new and repaired	929.93	866.47	488.27	481.41	1,096.20	201.11
Sweeping and cleaning streets	11,089.47	11,994.32	14,927.16	19,532.11	19,007.34	23,509.77
Removing snow and ice	5,202.61	245.57	31.95	1,855.12	1,780.76	6,854.30
Collecting ashes	10,128.02	9,470.04	8,972.03	9,031.71	10,363.89	11,846.44
Trimming trees	685.24	743.04	1,484.06	415.42	1,013.34	974.90
Filling holes in streets	684.20	755.44	1,075.91	852.40	779.96	948.37

HIGHWAYS AND STREETS. (Continued.)

MACADAM	1899	1900	1901	1902	1903	1904
New :—						
Length in feet	22,427	19,468	26,137.8	12,934.3	16,968.2	16,003.9
Area in square yards	52,101	46,044	60,287.8	29,235.7	38,572.0	41,690.0
Tons of stone used	22,456	21,185	19,189.0	9,172.0	13,945.0	14,687
Total cost	\$24,417.11	\$25,699.47	\$25,529.65	\$12,396.20	\$19,318.35	\$18,710.87
Cost per square yard	\$463	\$554	\$422	\$440	\$463	\$470
Av. tons of stone used per sq. yd.	.431	.452	.394	.346	.407	.352
Rebuilt :—						
Length in feet	24,230	17,718	19,021.8	7,710.9	17,583.80	13,442
Area in square yards	52,600	32,163	42,703.8	17,301.0	37,403.1	30,727
Tons of stone used	14,011	7,644	13,117	3,690	11,584	8,286
Total cost	\$20,773.43	\$9,123.12	14,465.02	\$6,418.67	\$15,808.34	\$11,771.49
Cost per square yard	\$354	\$359	\$335	\$370	\$422	\$383
Av. tons of stone used per sq. yd.	.317	.306	.284	.213	.308	.270
Repaired :—						
Total cost	\$1,186.97	\$1,787.34	\$1,831.96	\$1,054.15	\$1,368.27	\$2,540.32

HIGHWAYS AND STREETS. (Continued.)

BITUMINOUS	1899	1900	1901	1902	1903	1904
Length in feet			1,613.2		3,531.2	4,851.7
Area in square yards			4,426.3		10,790.9	13,338.1
Total cost			\$9,954.70		\$24,393.78	\$29,637.79
Cost per square yard			\$2.249		\$2.26	\$2.22

HIGHWAYS AND STREETS. (Continued.)

PAVING	1899	1900	1901	1902	1903	1904
Granite block on gravel :—						
Area in square yards	1,920			538.9	251.78	
Cost	\$3,872.04			\$1,191.51	\$630.09	
Cost per square yard	\$2.03			\$2.21	\$2.50	
Granite block, concrete foundation :—						
Area in square yards	8,102	2,124	8,127.2	6,067.0	2,822.90	3,209.1
Cost	\$16,803.66	\$5,110.86	\$19,260.03	\$16,711.52	\$8,793.52	\$10,042.16
Cost per square yard	\$2.71	\$2.41	\$2.64	\$2.75	\$3.11	\$3.12
Block asphalt :—						
Area in square yards	3,924	2,353	786.2	1,834.94		
Cost	\$10,648.86	\$6,395.92	\$2,847.93	\$4,735.30		
Cost per square yard	\$2.71	\$2.718	\$2.987	\$2.58		
Cobble :—						
Area in square yards		9,794	143.6	203.5		810.5
Cost		\$5,723.85	\$78.70	\$92.50		\$361.26
Cost per square yard		\$5.94	\$5.48	\$4.55		\$40

STREET DEPARTMENT.

HIGHWAYS AND STREETS. (Continued.)

GUTTERS		1899	1900	1901	1902	1903	1904
New:—							
Length in feet		49,024	49,678	52,381	38,131.6	33,745.2	38,287.8
Average width		3.3	3.5	3.3	3.2	3.3	3.3
Area in square yards		15,701	19,317	19,386	14,121.6	12,371.9	14,243.7
Cost		\$7,810.30	\$10,502.93	\$11,555.59	\$9,172.64	\$9,120.79	\$9,401.03
Cost per square yard		\$49	\$567	\$593	\$643	\$741	\$681
Cost per foot in length, of ave'ge width		\$182	\$209	\$219	\$238	\$269	\$246
Repaired:—							
Length in feet		16,677	6,833	6,066	1,648.6	1,894	435
Area in square yards		6,595	2,337	2,170	558.6	814.1	145
Cost		\$2,187.87	\$1,108.84	\$1,314.64	\$899.99	\$1,120.60	\$702.49
Cost per square yard		\$24	\$272	\$467	\$441	\$435	\$27
Cost per foot in length		\$697	\$689	\$17	\$149	\$187	\$69

STREET DEPARTMENT.

41

HIGHWAYS AND STREETS. (Continued.)

CURBING	1899	1900	1901	1902	1903	1904
New:—						
Length	13,410	12,024	10,206 3	11,947.4	18,094.5	13,713.6
Cost	\$7,092.01	\$6,809.20	\$5,816.12	\$7,946.53	\$12,239.50	\$10,798.70
Cost per foot	\$.531	\$.551	\$.567	\$.668	\$.700	\$.80
Cost of stone per foot	\$.42	\$.39	\$.418	\$.49	\$.52	\$.52
Cost per foot for labor	\$.111	\$.15	\$.149	\$.178	\$.18	\$.28
Relaid with new curbing:—						
Length	1,381	723	2,373	3,914.0	1,402.9	5,485.4
Cost	\$.496	\$.548	\$.585	\$.693	\$.74	\$.84
Relaid with old curbing:—						
Length	5,767	4,595	4,015.9	3,525.8	6,343.4	6,447
Cost per foot	\$.115	\$.151	\$.147	\$.146	\$.19	\$.28

NOTE — All curbing is now laid on concrete bed at joints.

STREET DEPARTMENT.

HIGHWAYS AND STREETS. (Continued.)

CONCRETE	1899	1900	1901	1902	1903	1904
New : —						
Area in square yards	5,465	8,198	4,630.89	2,380.80	5,251.54	1,230.12
Cost	\$2,023.93	\$3,689.67	\$2,626.59	\$1,971.67	\$3,635.95	\$1,020.49
Cost per square yard	\$.378	\$.432	\$.54	\$.73	\$.717	\$.763
Rebuilt : —						
Area in square yards	2,257	3,284	6,239.37	5,998.55	7,498.80	6,758.37
Cost per square yard	\$.421	\$.39	\$.432	\$.650	\$.608	\$.627
Topcoat : —						
Area in square yards	644	1,021				
Cost per square yard	\$.219	\$.311				

COGGESHALL STREET BRIDGE. (Maintenance.)

Labor opening draw, oiling, etc.,	\$30.65
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Cr.

Appropriation,	\$200.00
Expended,	30.65
	<hr/>
	\$169 35

NEW BEDFORD AND FAIRHAVEN BRIDGE.

Stock, labor and teaming,	\$3,239.17
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Cr.

Appropriation,	\$3,000.00
Expended,	3,239.17
	<hr/>
Transferred to balance,	239.17

DRAINS LAID.

Number	Size Pipe	Length Feet	Cost	Average Cost per Foot
1	4 inch	32	\$13.14	.410
101	5 inch	3,162	1,400.23	.442
195	6 inch	7,464	3,752.65	.502
5	8 inch	*316	146.32	.463
302			\$5,312.34	

30 drains repaired, cost \$194.38

240 drains cleared, cost 542 57

Total cost of drains, new, repaired and cleaned, \$6,049 29

*32 feet of 6 inch pipe.

CATCH-BASINS, NEW.

Cost	\$1,940.85
Number	24
Average cost	80.86
Catch-basins discontinued	6

RECAPITULATION—GENERAL SEWERS.

Catch-basins built	\$1,940.85
Catch-basins repaired	288.59
Catch-basins discontinued	59.45
Manholes, new and repaired	90.65
Eyeholes, new and repaired	43.78
Culverts and surface drains, new and repaired	282.24
Sewers, repaired	99.83
Sewers cleaned	84.80
Main and stable office expenses and salaries	1,327.52
Tools, new and repaired	191.01
Toolhouses repaired	59.94
Catch-basins cleaned and flushed	5,655.76
Eyeholes and culverts cleaned	17.59
Carting stock to city yard	90.28
Blacksmithing	538.67
Repairs to pumps	218.60
Boilers repaired	87.54
Labor handling stock at city yard	63.54
Registration clerk	45.07
Janitor	44.97
Accident account	551.23
Drains, new, repaired and cleared	6,049.29
Stock, labor and teaming charged at cost	4,560.17
General repairs	21.86
Miscellaneous items	473.53
Stock on hand December 3, 1904	1,551.06
Cove street sewer outlet (repaired)	1,230.18
Gifford street sewer outlet (repaired)	243.03
Wall street sewer outlet (repaired)	50.25
Washburn street sewer outlet (repaired)	10.65
Potomska street sewer outlet (repaired)	26.30
Blackmer street sewer outlet (repaired)	73.93
	<hr/>
	\$26,081.16

CR.

Appropriation	\$12,000.00	
Special appropriation	4,500.00	
Credits	9,194.57	
Stock on hand December 5, 1903	2,706.81	\$28,401.38
Expended		<hr/>
		26,081.16
Credit balance		<hr/>
		\$2,320.22

STREET DEPARTMENT.

NET EXPENDITURES — GENERAL SEWERS.

Appropriation	\$12,000.00	
Special appropriation	4,500.00	\$16,500.00
credit balance		2,320.22
		<u>\$14,179.78</u>

NEW SEWERS.

Sundry sewers built	\$27,365.11
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CR.

Sundry appropriations	\$34,718.58	
Brought forward from 1903	2,492.22	\$37,210.80
Expended		27,365.11
		<u>\$9,845.69</u>
Carried forward to 1905		7,412.37
Transferred to unappropriated funds		<u>\$2,433.32</u>

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
February 9, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

WM. S. COOK, Ass't City Clerk.

IN COMMON COUNCIL,
February 9, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT — No. 11.

TWELFTH ANNUAL REPORT

OF THE

ENGINEERING DEPARTMENT

TO THE CITY COUNCIL

BY THE

CITY ENGINEER

FOR THE YEAR 1904.

NEW BEDFORD :
THE A.E. COFFIN PRESS, CITY PRINTERS,
1905.

REPORT.

CITY OF NEW BEDFORD,
ENGINEERING DEPARTMENT,
January 1, 1905.

To the City Council of the City of New Bedford :

GENTLEMEN:— In compliance with Section 5 of the ordinance defining the duties of the City Engineer, the following report of the expenses and operations of the Engineering Department for the year ending December 3rd, 1904, is respectfully submitted:

EXPENDITURES.

Salaries and pay rolls,	\$8,308.15
Rent,	741.12
Janitor's services,	108.00
Lighting,	18.52
Telephone,	77.46
Street railway tickets,	150.00
Drawing instruments and supplies.	115.89
Printing, stationery, etc.,	61.13
Sundry supplies,	132.28
Repairs to instruments, tapes, etc.,	5.68
Sundry labor not in pay roll,	27.45
Office furniture and repairs,	27.82
Platting expenses,	93.41
Horse and carriage hire,	30.50
Traveling expenses, postage, express, etc.,	72.97
Printing report,	34.00
Meteorological instruments,	61.17
Grade crossing investigation,	90.85

CITY ENGINEER'S REPORT.

Boundstones,	76.38	
Public statutes and reference books,	24.50	
		<u>\$10,257.26</u>
Balance,		1,743.00
		<u>\$12,000.00</u>

RECEIPTS.

Appropriation, regular,	\$12,000.00
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EXPENDITURES.

Gross,	\$10,257.26
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RECEIPTS.

By credit to unappropriated funds :	\$5.10	
Labor and material making plans and blue prints,	5.02	
Labor giving lines, grades and inspection on Fish Island,	90.66	95.68
Net expenditure,		<u>10,161.58</u>
		<u>\$10,257.26</u>

Grade crossing expenditures for the year 1895,	\$517.92
" " " " " " 1896,	2,067.20
" " " " " " 1897,	936.59
" " " " " " 1898,	620.39
" " " " " " 1899,	357.90
" " " " " " 1900,	140.59
" " " " " " 1901,	1,398.16
" " " " " " 1902,	559.14
" " " " " " 1903,	239.25
" " " " " " 1904,	90.85
Total expenditure to date,	<u>\$6,927.99</u>

The assistants at present employed in this department are George H. Nye, L. J. Hathaway, Jr., Frank H. Murkland, Norman Barstow, Arthur W. Gardner and Jessie Loughlin; also William H. Chase, temporarily employed.

The following table shows the distribution of time and salaries of the assistants for the year. The cost of administration is shown as an undivided charge.

ASSISTANTS' TIME AND COST.

GENERAL CLASSIFICATION OF WORK DONE.

	OFFICE.		FIELD.		TOTAL Cost.
	Time.	Cost.	Time.	Cost.	
Approach to New Bedford and Fairhaven bridge, surveys and plans	16	\$9.96	6	\$2.36	\$12.32
Assessors' plats, corrections, record of transfers, etc.	2,877	1,285.34	90	22.96	1,308.30
Bound stones, lines and levels for setting same	4	1.51	33	8.97	10.48
Catch basins, lines, grades and measurements			22	8.06	8.06
Cemeteries, surveys, plans, posting plat books, etc.	1,052	387.15	193	78.65	465.80
Com. on Pub. Prop., City Solicitor, Inspector of Bldgs., other city officials	323	108.26	315	104.81	213.07
Drains, grades and levels for laying same					
Dredging			54	18.70	18.70
Division of cost of bridge	658	108.65	156	40.90	149.55
Freight and Immigration Shed	13	8.09	75	16.65	24.74
Grade crossing investigation	27	13.69			13.69
Harbor line, plan showing same	61	29.68	55	19.01	48.69
Indexing plans, note books and other records	158	70.86	4	1.08	71.94
Meteorological instruments, daily observations, etc.	108	59.21	22	9.91	69.12
New work, measurements, calculation, macadam, concrete, etc.	819	208.40			208.40
Office work, cleaning tapes and instruments, entering orders, errands, etc	220	43.34	392	80.63	123.97
Park Commissioners, surveys, plans, etc.	252	100.26	184	51.42	151.68
Private parties, grades for buildings, steps, etc.	1,410	375.38	103	15.15	390.53
Private work	124	76.41	247	119.90	196.31
Report of 1903 and 1904, compiling information for same	39	14.24	667	207.26	221.50
Sewer construction, grades, levels, plans, records, measurements, etc.	112½	38.59	80	31.06	69.65
Sewer assessments, plans, ownerships, records, etc.	129	41.07			41.07

CITY ENGINEER'S REPORT.

GENERAL CLASSIFICATION OF WORK DONE. <i>(Continued).</i>	ASSISTANTS' TIME AND COST.					
	OFFICE.		FIELD.		TOTAL	
	Time.	Cost.	Time.	Cost.	Cost.	
Street Department, lines, grades, levels, surveys, plans, etc.	418	204.14	870	122.14	326.28	
Street layouts, surveys, plans, returns, records, tracings, etc.	693½	294.79	2	.59	296.38	
Street numbers, re-numbering, new numbers, records, etc.	72	30.82	603	201.44	232.26	
Underground conduits, lines and levels	896	421.16	330	106.37	527.53	
Vacations and legal holidays	118	29.32	122	31.29	60.61	
Water Works Department, grades, levels, profiles, surveys, etc.	1,148	438.83	5	1.62	1.62	
	134	65.64	134	42.93	438.38	
Totals	11,872	\$4,464.29	4,264	\$1,343.86	\$5,808.15	
Administration		2,500.00			2,500.00	
Total cost	11,872	\$6,964.29	4,264	\$1,343.86	\$8,308.15	

PLATTING SYSTEM.

Record of conveyance of real estate recorded at the Registry of Deeds, at New Bedford, and reported to the Board of Assessors each month.

TRANSFERS.

1903, December,	86
1904, January,	55
1904, February,	69
1904, March,	109
1904, April,	119
1904, May,	126
1904, June,	139
1904, July,	88
1904, August,	101
1904, September,	90
1904, October,	123
1904, November,	108
	<hr/>
	1,213

A full set of blue prints of the plats, 137 in number, is furnished the Board of Assessors in May of each year. From time to time these "plat prints" are corrected to show the changes made by transfers of property, and the changes in ownership are also made on the card index in the Assessors' Office.

During the year the records of 86 estates have been looked up in the Probate Court at Taunton and the changes in ownership reported to the Assessors.

62 new tracings of plats have been made to replace old tracings.

Dec. 1, 1904, there were 15,732 lots shown on the plats, being 269 more than on Dec. 1, 1903.

FREIGHT AND IMMIGRATION SHED.

On City Wharf, foot of Union street.

The grading of the City's Wharf at the foot of Union street was completed this year.

The berth on the north side of the wharf was also dredged about 20 feet wider for the accommodation of the steamships "Peninsular" and "Patria" which land their passengers at this port on their westward trip from the Western Islands.

The cost of improving this wharf to date has been as follows:

Spent in 1903 for construction,	\$13,900.91
" " " dredging,	2,167.60
" 1904 " moving building,	10.00
" " " construction,	32.92
" " " dredging,	230.25
" " " grading,	644.16
" " " water pipe,	246.01
	<hr/>
	\$17,281.85

The latter part of 1903, plans were prepared for a building on the outer end of this wharf to be used for the receipt of freight and the examination of immigrants. The building is 58 feet wide by 96 feet long, the east half two stories in height and the west half one story. With the exception of the boiler room, the building is built entirely of wood, "Mill Construction type," with no air spaces in floors, ceilings or side walls. The upper story is designed for the examination of immigrants and is reached from the wharf level by two wide stairways within the building. The arrangement of this story was designed in accordance with the directions of the Commission of U. S. Immigration Service at Boston. After the building had been used several times, the local officials of



the Immigration Service requested that the second story be extended the entire length of the building to give more room. This has since been done, and the work will be completed early in the year 1905.

The following proposals were received Dec. 23, 1903, for the construction of the Freight and Immigration Shed, including heating and plumbing:

Z. B. Davis,	\$8,369
H. T. Bulman,	8,875
H. McB. Smith,	8,943
Chas. O. Brightman,	8,967
Frank B. Sistare,	10,700
Moore & McKay,	11,247
Martin H. Sullivan,	12,100

The contract was given to Z. B. Davis, Dec. 30, 1903, and was completed July 8, 1904.

The cost of the shed was as follows:

Z. B. Davis, contract,	\$8,369.00
Z. B. Davis, extra work,	158 98
Advertising,	24.37
Electric lights and wiring,	114.94
Total,	<hr/> \$8,667.29

Oct. 26, 1904, the following bids were received for raising the roof of the west half of the Immigration Shed so as to provide a second story the entire length of the building:

H. T. Bulman,	\$2,195
H. McB. Smith,	2,750
Z. B. Davis,	2,810
Moore & McKay,	3,250

The contract was given to H. T. Bulman.

The total cost of the construction of the wharf and immigration shed will be approximately as follows:

Construction of wharf,	\$17,281.85
Construction of shed,	8,667.29
Enlarging shed, (contract),	2,195.00
Extra work on last contract,	20.00
	<hr/>
	\$28,164.14

SEWERS.

The conditions now existing at many of the outlets of the sewers should be changed. The deposit of sewage is rapidly shoaling the water in front of practically all of the outlets, preventing the free flow of the sewage into deeper water. The following sewers are in immediate need of relief:

Washburn street sewer outlet should be extended several hundred feet to reach the moving water of the channel. It now discharges near the head of a small cove with a large area of mud flats exposed at low tide between the outlet of the sewer and the channel. A small creek or arm of the cove, just north of the sewer, should be filled in.

Merrimac street sewer should either be extended to deeper water or a channel dredged from the main ship channel to the outlet of the sewer. A bar has formed in front of the outlet, which at low tide forces the sewage to follow a circuitous route through exposed mud flats to reach the channel off Willis Point. The filling of the cove between Wall street and Merrimac street, while a very desirable improvement, is partly responsible for the creation of the mud flats near the outlet of the sewer because the fill pushes the mud out of the cove.

The Dartmouth Manufacturing Company has recently received a license from the Harbor and Land Commissioners to fill several hundred feet into the river in front of their property from Cove street to Gifford street. This will require the extension of the Gifford street sewer to the face of the fill.

County street sewer now discharges about 100 feet inshore of the ordinary low water line. The sewer should be extended at least 125 feet to relieve the nuisance now created by the sewage flowing over such an exposed stretch of beach.

The rapid shoaling of the water at the head of Clark's Cove will require future extensions of this sewer and also of the others, but there seems to be no other relief for this situation as long as the sewers are discharged into this body of water.

The work of the department for the past year is so fully and systematically shown in the tables attached that further explanation as to what has been done, seems to me unnecessary.

In closing, I wish to thank the many citizens and members of the City Council and of other departments who have from time to time assisted this department.

Respectfully submitted,

WILLIAM F. WILLIAMS,

City Engineer.

SHOWING RAINFALL AT NEW BEDFORD AS
RECORDED BY T. R. RODMAN FOR 1904.

Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1		.80	.80	1.56		.43	.16			*		
2	.70	*	.01			.10	.06	1.88				
3	.60		.10			.20		*				
4									.02			
5							.06					.24
6		.25					.37	1.82		.01		.08
7	*	.01		.30		.16						
8	.10		*	.02		1.28		.20	*			.07
9	.90		.64	.95	1.26					.08	.35	
10				.15	.34			1.34	.06			.10
11		*	*	.07	.20			.17	.22	.02	.07	
12		*		.52						.35		.20
13	.40	.18								.29	*	1.00
14	.20	.20		.02				*	.42		1.40	
15		.60	.18					1.18				*
16				.47	.10			.05				.35
17												*
18			.37	*	.47							1.20
19		.17		.10	.29							
20	.06	.08		.10	.03			.42	.05			*
21	.16			.03		.64		.25	.02	.46	.01	.01
22	.55	2.08	.06			.17	.10					
23	.20		.11			.16	1.26	.02				.01
24	.22	.56					.13				*	.01
25				.02		.07			.13			.05
26	.23		*	*		.17	.06	.02	.15			.10
27	.17			.95	.11						.15	1.30
28		.22		2.44								.50
29	.37			1.13		1.08	.02		.35		.14	
30	.13			.01	.25	1.00			.45		.17	.05
31			.11		.50							
Totals	4.99	4.65	2.38	8.84	3.55	5.46	2.22	6.15	2.92	1.36	2.29	5.27

* Too small to be measured.

Total rainfall for year, 50.08 inches.

MONTHLY SUMMARIES OF TIDES FOR 1904.

MONTHS	Average rise above M. H. W.	Average rise below M. H. W.	Highest high tide above M. H. W.	Lowest high tide below.	Average low tide.	Highest low tide.	Lowest low tide.
January,	0.2		1.7	1.6	4.0	2.6	5.0
February,		0.5	0.5	2.0	4.8	3.8	6.0
March,		0.38	0.8	1.6	3.75	2.6	5.0
April,		0.17	1.5	1.5	4.22	3.5	5.2
May,		0.24	0.7	1.3	3.94	2.7	4.8
June,		0.28	0.6	1.3	3.90	2.7	4.7
July,		0.49	0.7	1.6	3.96	3.2	5.1
August,		0.24	0.8	1.1	3.81	2.7	5.0
September,		0.31	1.2	1.4	3.86	3.0	5.3
October,		0.45	1.4	1.6	3.90	3.0	5.1
November,		0.22	1.6	1.6	3.84	2.1	5.0
December,		0.48	0.9	1.8	4.10	1.9	5.2
Totals,		0.29	1.7	2.0	4.00	1.9	6.0

Mean High Water is 0.65 ft. below City Datum.

STREETS LAID OUT AND ACCEPTED.

STREET	FROM	TO	DATE OF ACCEPTANCE	WIDTH AND LENGTH IN FEET				
				20, 32.7	30	40	45	50
Cleveland	100.21 ft. s. of Rodney	95.29 ft. n. of Mott	April 15, 1904					486.45
Collette	Belleville ave.	Front	Nov. 12, 1904				855.25	1,105.51
Earle	Belleville ave.	Front	June 24, 1904					
Emerson	Maxfield	Sycamore	July 8, 1904			198.08		
Fair	Crapo	Bonney	Oct. 14, 1904			240.97		
Fairmount	Rockdale ave.	Jenny Lind	June 10, 1904					613.36
George	Rockdale ave.	W. French ave.	Sept. 12, 1904					455.72
Grant	Rockdale ave.	Jenny Lind	Nov. 25, 1904					618.05
Grit	W. French ave.	Clark's Cove	June 24, 1904					573.71
Hathaway	Riverside ave.	Belleville ave.	July 28, 1904					446.00
Hope	Belleville ave.	Belleville Rd.	July 8, 1904					1,294.44
Jennings	First	Second	Oct. 14, 1904	178.73				
Jenny Lind	Lake	Kempton	June 10, 1904			305.18		
Morgan	Chancery	Park	Jan. 15, 1904			252.69		
Mott	Acushnet River	Brook ave.	April 15, 1904					1,553.67
Nash Rd.	Belleville ave.	Front	June 10, 1904					1,529.30
Park Place	Sixth	West 315.21 ft.	June 10, 1904		315.21			
Rodney	Acushnet River	Brook ave.	April 15, 1904					1,551.13
Swift	Bolton Rd.	Dartmouth	June 24, 1904					1,235.51
Whitman	Acushnet River	Hope	July 8, 1904					797.00
Winterville Rd.	Rockdale ave.	Dartmouth line	Jan. 15, 1904					1,173.04
Total length, 16,279 feet — 3.084 miles.				178.73	315.21	1,496.92	855.25	13,432.89

STREETS WIDENED.

Weld	69.9 e. of Bowditch	Purchase	May 13, 1904	30 feet on north side.
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LEVELS TAKEN.

STREET	FROM	TO	LENGTH	OBJECT	FOR
Belleville ave.	Earle	Belleville Rd.	1,573 feet	Determine amount of fill	Street Department
County	Cove Rd.	South	243 "	Extension of sewer	Engineering Department
E. French ave.	Butler	David	2,276 "	Establish grade	Engineering Department
Hamlin	Acushnet River	Belleville ave.	610 "	Determine cut for sewer	Private parties
Holly	Acushnet ave.	Bowditch	400 "	Determine amount of fill	Street Department
Jenny Lind	Grant	Fairmount	500 "	Establish grade	Engineering Department
Kempton	Reed	Hunter	380 "	Find length of Engine House drain	Inspector of Buildings
King	Nash Rd.	Church	687 "	Establish grade	Engineering Department
Lexington	Rockdale ave.	Jenny Lind	646 "	Establish grade	Engineering Department
Lexington	Jenny Lind	West	704 "	Establish grade	Engineering Department
Liberty	Hillman	Maxfield	314 "	Determine amount of fill	Street Department
Morton Ct.	Cove st.	North	497 "	Determine relation of bldgs. to accepted grade	Engineering Department
Ocean	Arnold	South	250 "	Determine relation of bldgs. to accepted grade	Engineering Department
Riverside ave.	Manomet	North	647 "	Determine amount of fill	Water Works Departm't
Willis	State	County	381 "	Establish grade	Private parties
Total			10,108 feet		

STREETS NUMBERED.

STREET	FROM	TO	INTERVAL IN FEET	NOS. GIVEN
Adams	County	Mt. Pleasant	25	10
Clover	Grape	Allen	40	4
Edward	Dartmouth	Field	25	3
Tinkham	Riverside ave.	Church	25	4

Single numbers given on streets previously numbered, 249.

STREET	WORK		ACTION
Ashland Terrace			
Cleveland			
Collette	wide	Profile	Part accept'd
Earle	wide	Profile	Accepted
Emerson	wide	Profile	Accepted
Fair	wide	Profile	Accepted
Fairmount	wide	Profile	Accepted
George	wide	Profile	Accepted
Grant	wide	Profile	Accepted
Grit	wide	Profile	Accepted
Hatch	wide	Profile	Accepted
Hathaway	wide	Profile	Hearing
Hope	wide	Profile	Accepted
Jennings	wide	Profile	Accepted
Jenny Lind	17 ft. wide	Profile	Accepted
Middle	wide	Profile	Accepted
Morgan	wide	Profile	Hearing
Mott	wide	Profile	Accepted
Nash Road	wide	Profile	Accepted
Park Place	wide	Profile	Accepted
Reynolds	wide	Profile	Accepted
Rodney	wide	Profile	
Summer	wide	Profile	Accepted
Swift	wide		
Trinity	wide	Profile	Accepted
Weld	wide	Profile	Hearing
Whitman	wide	Profile	Widened
Winterville Road	wide	Profile	Accepted
	wide	Profile	Accepted

STREET DEPARTMENT.

Lines for setting curbing,	73
Grades for setting curbing,	84
Lines for gutters,	16
Grades for gutters,	25
Grades for paving,	3
Lines for grading streets,	4
Grades for grading streets,	- 29
Lines for retaining walls,	6
Grades for retaining walls,	6
Grades for sidewalks,	3
Grades for culverts,	2
Lines for catch basins,	2
Grade for catch basins,	3
Line for macadam,	1
Grades or levels for drains,	18
Grades for all sewers, measurements of branches, ledge, etc.	
Branches located for connecting drains.	
Plans for construction of 19 new sewers.	
Location and record of drains laid during the year.	
Measurement of all street work done by the department.	
Street and sewer maps corrected to date.	
Assessment plans of sewers made.	
Sewer plans entered in sewer book.	
Copies of street layout plans furnished for filing in Registry.	
Soundings and profile along line of Manomet and Hathaway street sewers to determine length of piles and nature of foundation required.	
Lists of abutters furnished for all street, telephone, etc , hearings.	
Location of telephone conduits, etc., laid during year.	
Investigation made as to cause of flooding of following districts :	
Water and Cannon streets.	
Belleville road and Acushnet avenue.	
Jean and Coggeshall streets.	
Bowditch, Acushnet avenue and Front streets, north of Sawyer to Tallman.	

ASSESSORS.

Survey to correct plats at following places :

Hathaway Road.
North of Plainville Road.
East of Acushnet avenue at angle No. 20.
S. e. cor. Fourth and Spring.
S. e. cor. Elm and Pleasant.
N. s. Washburn street at Belleville avenue.
W. s. Pope's Island.
N. s. Durfee street, west of Cedar.
Old Market Square.
Foot of Howland street.
Gas Company property, south of Coffin street.
All mill changes put on special plans.
City Coal Company's wharf.
North of Wall street, east of railroad.

Office maps of streets and sewers corrected to date.

BOARD OF HEALTH.

Maps of streets and sewers corrected to date.

CEMETERY BOARD.

Plat books posted for the year.

PINE GROVE CEMETERY.

Preliminary staking and grades for section L.
Lots staked in section L.
Lots staked in section I.
Lots staked in section F.
4 lots staked in section J.
Lines and grades for foundation for water tower.
Plans of sections L, I and F.

OAK GROVE CEMETERY.

Grade for south wall and avenue.
Grades for a portion of section 3.
Staked out 42 lots in section 3.
Plan of section 5.

RURAL CEMETERY.

Survey, plans, and staking arrangement of monument and grades in lot section M.
Survey of property for new entrance at Dartmouth street.
Lots staked in sections D and H.
Grades section D.
Staked lot and tomb section A.
Survey of lots on North Circuit avenue for curbing.
Preliminary plan for development of section A.
Plans of sections H, M, A3, A4, A5, W, V, O, L2, and G.

COMMITTEE ON CLAIMS.

Survey and plans, showing sidewalk and trees on Water street, east side, south of Gifford.

PUBLIC PROPERTY COMMITTEE.

Levels, plan and grades for walks and grounds of Parker Street School.
Grades and lines for drains Isolation Hospital.
Cross section and plans for driveways, and grading grounds of Isolation Hospital.
Measurements of lot and building of Ward Room, Fourth street.
Survey of Armory lot.
Survey and plan of lot and buildings used as police stable.
Survey levels and plan for grading grounds of Acushnet School (Clifford).
Cross section and plan of Pumping Station lot.
Survey and plan of South Street School lot.

COMMITTEE ON WHARVES.

Plans, lines, grades, and inspection for construction of addition to Immigration Shed.
Soundings in docks north and south of Taber's Wharf.

COMPLETION OF NEW BEDFORD AND FAIRHAVEN BRIDGE.

General plan of bridge and adjoining streets.

Map, showing roads of Bristol and Plymouth Counties.

Laid out beds for shrubbery at Park, bridge approach.

GRADE CROSSINGS.

Survey of shore line Willis Point.

Plans and figures furnished for hearings.

INSPECTOR OF BUILDINGS.

Lines given for 167 buildings, steps, etc.

Grades given for 247 buildings, steps, fences, etc.

Staked out, set batters, gave floor levels, drain levels, measured
extras, etc., at

Kempton Street Engine House.

South Street School-house.

Coggeshall Street School-house.

PARK COMMISSION.

Plan of iron fence on south wall of roadway Buttonwood Park.

Topographical survey of south-west section of Buttonwood Park and
plan of same furnished for landscape architects.

Plans for an entrance to Buttonwood Park at Court street.

Location and plan of walks from Rockdale avenue, west.

Line and grade for setting 2 flights of stone steps at Buttonwood Park.

WATER BOARD.

Lines for laying pipe, 2

Grades for laying pipe, 10

Index map of plats.

Survey of conduit line.

Nye to Deane.

Acushnet avenue, Tallman and Bowditch.

South of Holly street.

Plats of city on 60 scale for pipe plans.

Survey, soundings, plan, etc., for location of water pipe across channel of Acushnet River, south of the bridge.

MISCELLANEOUS.

SURVEYS.

Harbor line, between New Bedford and Fairhaven, marked on new bridge.

Measurements to determine clear headroom Coggeshall street bridge.

Survey to locate car tracks, poles, etc., at angle No. 20 Acushnet avenue.

Survey to determine area of block paving to be laid Brook street.

Survey of south line Elm street, Purchase to Acushnet avenue, to establish line.

Survey of Commercial street, Front to Water, to establish lines and set bounds.

Survey County street, east side, south of Thompson, to locate angle.

Location of bulkhead on south line of Pairpoint property.

Location of brook from Norman street to the River near Rodney st.

Survey to connect Cove and Water streets and West French avenue.

Location of culverts on Kempton street, west of Rockdale avenue.

LEVELS.

Acushnet avenue, w. s., south of Blackmer, to establish grade of driveway.

Acushnet avenue, w. s., south of Coggeshall, to establish grade of walk for building.

Acushnet avenue, e. s., south of Marvin, to establish grade of walk for building.

Bowditch, north of Weld, to determine cause of flooding of cellars.

County and Sixth, north of junction, to establish grade of walk for building.

Fish Island, north of bridge, to establish grades for driveways.
Pleasant, n. w. corner Elm, to establish grade of walk for building.
Wamsutta, n. s., east of Acushnet avenue, on catch basin and ponds to determine method of drainage.
Water and Cannon, on streets and in lots, to determine cause of flooding in heavy rains.

BOUNDSTONES.

Acushnet avenue, n. w. corner Sawyer. (Lowered).
County, w. s., south of Spring. (Lowered).
First, n. e. corner Potomska. (Raised).
Hope, s. e. corner Whitman. (New).
Hope, s. w. corner Eugenia. (New).
North, n. s., 93.34 ft. east of Beach. (Lowered).
Purchase, n. e. corner Willis. (Raised).
Purchase, s. e. corner Weld. (Raised).
State, s. e. corner Franklin. (Raised).
State, s. w. corner Clark. (Lowered).
State, s. w. corner Penniman. (Lowered).
Thatcher, n. e. corner Grit. (New).
Water, s. e. corner Delano. (Raised).
West French avenue, s. w. corner Grit. (New).

PLANS AND PROFILES.

Plan of Water Works conduit and adjoining property, Coggeshall street to Belleville road.
Map of city on 400 scale corrected.
Correcting drain maps.
Plan of Middle and Water streets, showing pipes, etc.
Plan of Middle and Second streets, showing pipes, etc.
Correcting large maps of streets and sewers in Council chamber.
Ward maps made up.
Profile of East French avenue, Butler to David, to establish grade.
Profile of gutters, River road.
Profile of Morton's Court.
Profile, showing marsh and soundings Hathaway street.
Meteorological Record kept for year 1904.

HARBOR.

Soundings east and south of Commercial Wharf, to locate any obstruction in channel.

Soundings east of Taber's wharf.

Soundings at foot of Howland street for bulkhead.

Grades to set tide boards for dredging.

Inspection of dredging Coffin street dock.

Maxfield street dock.

Levels to check height of tide gauge.

Plan of city and river showing harbor lines.

Map of city, showing manufacturing plants for hearing before

"Committee on Rivers and Harbors."

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
January 26, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

WM. S. COOK, Ass't City Clerk.

IN COMMON COUNCIL,
January 26, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT No. 12.

Twelfth Annual Report

OF THE

Superintendent of Public Buildings

ALSO,

Inspector of Buildings

OF THE

CITY OF NEW BEDFORD, MASS.

For the Year 1904.

NEW BEDFORD, MASS.
THE A.E. COFFIN PRESS, CITY PRINTERS.
1905.

REPORT

OF THE

Superintendent of Public Buildings.

OFFICE OF SUPERINTENDENT OF PUBLIC BUILDINGS,
NEW BEDFORD, MASS., Dec. 31, 1904.

To His Honor the Mayor and the City Council:

GENTLEMEN:—In submitting the twelfth annual report of the work performed under my supervision, I beg to outline the following summary.

ISOLATION HOSPITAL BUILDINGS ON ALMSHOUSE GROUNDS.

A general description of this group of wooden buildings will be found in my report for 1903; the buildings were completed and accepted in September, 1904. Certain extra work, some of which was ordered and executed while the buildings were in progress, and some of which was ordered after the main contracts were completed, are given with the total cost as follows:

SUPERINTENDENT OF BUILDINGS.

General contract for buildings,	\$27,724.00
Extra work on buildings,	1,898.50
General contract for heating and ventilating (steam),	8,592.00
Extra work on same (covering steam pipes),	285.00
Window weather strips (seperate contract),	587.95
Water supply and for fire purposes by Water Department.	826.67
Architects' fees,	1,283.17
Total cost to date,	<u>\$41,197.29</u>

The buildings, including the last items of extra work, are about completed and ready for use; the grading and fencing of the grounds are not included in the above schedule.

When the heating plant was so far installed, that it could be used to dry the buildings before the plastering was begun, and during the progress of finishing the interior, the heating system being of a somewhat complicated nature, owing to the group of buildings to be heated from a central plant, the services of a practical steam fitter were required to take charge of the work.

For this purpose, Mr. James W. Welch was employed by the city last June. Mr. Welch is still in the city's employ, his time being divided between this work and looking after the heating and ventilating plants to be installed in the new schools now building, and the heating of the new fire station on Kempton street; he has also made some repairs in other city buildings.

FIRE STATION.

This building, now in course of erection on Kempton and Reed streets, is roofed in and ready for plastering; the heating plant is now being installed; the contract price is \$21,348.50. This includes a completed building, including heating by steam, also grading, curbing and fencing the grounds, but does not include walks and driveways. A description is given in last year's report.

IMMIGRATION SHED

WITH ADDITION THERETO.

This building of wood is located on City Wharf, was designed by Wm. F. Williams, City Engineer, and was completed in the early summer; an addition thereto being found necessary, the same was placed under contract last October, and is now about completed.

Contract price for main building,	\$8,869.00
Contract price for addition,	2,195.00
Total,	<hr/> \$10,564.00

SOUTH STREET SCHOOL.

This school building, now in course of erection, is located on South and Fourth streets and Acushnet avenue. Plans were made by S. C. Hunt, architect. Contractors for building, John B. Sullivan & Son. Contractors for heating and ventilating, W. H. & J. F. Whalen of Fall River. The building is to be two stories and basement, and is to be constructed of red smooth-cut brick, in appearance nearly equal to pressed brick, but of a much less price, with granite trimmings, steps and foundations, slated roofs, copper gutters, conductors, hips, ridges, valleys and flashings, brick and copper cornices.

The building will have 12 class rooms, with principal's and teachers' rooms, toilet and lavatories on both floors, also stock rooms; the school toilets will be in basement; the basement floor will be of concrete and Portland cement; the corridors' walls will be of smooth brick, painted in dark and light colors; the walls and ceilings will be done in hard plastering, tinted as desired; the interior wood finish and doors will be of the best quality soft grained cypress, finished in the natural wood; door

and window casings are eliminated, steel angle beads being used instead, after the style of our recently erected schools, the effect being much better, cleanliness easier assured, and quite a saving made in expense; the finished floors, stair treads and risers will be of the best rift Georgia hard pine; rails and cappings to be of clear, plain oak; all class rooms have double windows permanently fixed in the frames; the plumbing will be of the open style, the best plain, durable, well ventilated closets and ranges being used.

The heating will be of steam, supplied by two horizontal tubular boilers of ample capacity; the ventilation will be by gravity, through well heated all vertical flues; this system has been found to work quite satisfactory in some of our recently erected schools.

While this building cannot be said to possess many ornate or fanciful exterior features, it does possess a neat, common sense, durable exterior, and what is most essential in the class rooms, ample light and heat and good ventilation is provided.

The contracts were let on Sept. 21, 1904.

Contract price for building,	\$51,900.00
Contract for heating and ventilating,	5,133.00
Gross total,	<hr/> \$57,033.00
A rebate of \$150.00 is to be made on the building contract for a change made in corridor brick,	150.00
	<hr/> \$56,883.00
Architects' fees, as paid,	1,425.83
Net total,	<hr/> \$58,308.83

The building contract includes the curbing and grading of lot, but does not include the walks; the building is to be completed on or before Sept. 1st, 1905.

COUNTY STREET SCHOOL.

This building, designed by S. C. Hunt, architect, is located on the pumping station lot, corner of County and Coggeshall streets; the contracts were let on Sept. 21, 1904; the building is to be completed on or before Sept. 1, 1905.

The original design called for a 16 room school, and contracts were made on that basis; after the work had progressed as far as the first floor, it was decided to add a third story in the central section for an assembly hall, and supplementary contracts were entered into, the contractors in both cases being Herbert A. Miller for the building, and the New Bedford Boiler & Machine Co., for heating and ventilating.

The building is two stories and basement, hall section three stories, built of a good grade of common red sand struck brick, laid in white mortar. The foundation walls, entrance steps and underpinning course at grade will be of granite; all other stone trimmings above steps and grade course will be of Bedford Indiana limestone; the roof on hall section will be supported by four steel trusses of clear span; the main cornices are to be of the best white pine lumber; main gutters lined with copper, and copper used throughout as described in the new South street school; the pitched roofs are to be covered with the best Maine slate, full $\frac{1}{4}$ inch thick; flat roofs covered with best M. F. roofing tin; the arrangement and finish of the interior, also the heating and ventilating, will be the same as described in the South street school. The assembly hall in the third story is designed for 810 sittings, outside of the stage and two dressing rooms; stand pipes and fire hose are to be provided in the corridors of every story, to be ready for instant use in case of fire; this provision is made in all the schools built in recent years.

This is the largest school building yet erected by this city for grammar school purposes; the elevations show a pleasing design, the introduction of gray limestone trimmings with plain red brick and black slate roof, making a combination that is pleasing to a degree; the grading and curbing of the grounds are not provided for in the contracts.

The contract price and appropriations are as follows:

Original contract for building,	\$68,439 00
Extra cost of foundations, agreed upon,	210.44
Supplementary contract for assembly hall,	8,500.00
Original contract for heating and ventilating,	7,700.00
Appropriations for heating assembly hall,	1,262.00
Gross total,	<u>\$86,111.44</u>
A rebate of \$300.00 is to be made in the building contract for a change made in corridor brick,	300.00
	<u>\$85,811.44</u>
Architects' fees, as paid,	2,664.87
Net total,	<u>\$88,476.31</u>

The \$1,262.00 appropriated for heating the assembly hall, is the amount estimated by the Supt. of Buildings. The contractor wanted \$1,850.00 for this work; no price having been agreed upon, the work is to be done by the contractor as extra work, the cost to be determined as provided for in the original contract.

SCHOOL COMMITTEE OFFICE.

An addition one story high has been built south of the stock room, which gives much needed room for the storage of school supplies.

SCHOOLHOUSE WORK.

At the Harrington school, I desire to repeat what I recommended in my last report, that is, that the further use of the exhaust fan in the tower be dispensed with, because of the danger from fire. I am satisfied that good ventilation can be provided by gravity, by having the vent flues properly heated at the base of the flue with steam coils, instead of using the exhaust fan.

The supply fan in the basement is run by electric power; this power is rather expensive. Now that our increased water supply gives sufficient pressure to use water power, I would recommend that the water power be substituted; the cost of making the change would be no more than what the city pays for electric power in one year, besides, an element of danger from fire would be eliminated.

The Clark street school yard is still ungraded and is in very bad shape; this school was completed and opened eight years ago. I have in former reports called attention to the necessity of grading, curbing and building the necessary retaining walls and fence; plans for this work were prepared by Mr. Samuel C. Hunt, architect, six years ago, and proposals for the work were received by the committee on city property; these plans are still available on file in this office.

The school yard of the William H. Taylor school on Brock avenue has never been graded; the school was completed and occupied six years ago. There is no earth filling required, but the lot, curbing and walks and grading is much needed; there is much complaint on the part of parents and others interested in the school at the unfinished and muddy condition of the premises. I have called attention to this in former reports.

GENERAL REPAIRS.

The committee on city property and the school committee have had the usual ordinary repairs made on different buildings in their charge, leaving the city buildings in unusually good repair.

CARE AND MANAGEMENT OF STEAM BOILERS.

Steam heat being used in nearly all our city buildings, it is important that the management and care of boilers and of the heating and ventilating plants in school buildings should be in intelligent hands. In some cases the business is new to the janitors in charge, and they labor under many disadvantages while becoming familiar with their work, the result being that the plant is liable to be mismanaged and improperly handled.

I believe that it would be economy for the city to employ a capable man to have full charge of the heating and ventilating plants, and of all of the boilers used for heating purposes, one whose duty it would be to instruct the janitors in their work and who would do the ordinary repairs required. Such a man, James W. Welch, is now in the city's employ; his services might well be availed of.

CUSTODY OF PLANS OF CITY BUILDINGS.

Since the office of superintendent of public buildings was established by city ordinance some eleven years ago, a full set of plans and a copy of the specifications, for all city buildings whether erected or not, have been kept on file in this office; there are many good reasons why this should be done; the plans, etc., have frequently been found quite useful for reference purposes.

All architects employed by the city during the last eleven years, have, without question, furnished such plans and specifications; this year, however, the architect who made the plans for the proposed new high school building, has so far refused my request for the first set of plans and specifications, that were accepted and paid for early in the year, to be kept on file in this office.

These plans, and the second set referred to, although promised, have not yet been furnished.

SCHEDULE OF CITY BUILDINGS.

The following tables give a schedule of buildings owned by the city, their location, when built or acquired, valuation of land and valuation of buildings.

SCHOOL BUILDINGS.

NAME OF SCHOOL	LOCATION	Year built, enlarged or remodelled	Material	No. stories	No. rooms	Acres of land	Valuation of land	Valuation of buildings and furnishings	TOTAL
Linden street	Linden street	1843	Wood	2	4	40.25	\$5,000	\$1,100	\$6,100
Middle street	Summer and Middle streets	1844	Brick	2	1*	117.36	10,000	23,000	33,000
Plainville	Plainville road	1846	Wood	2	1	42.81	100	1,000	1,100
North street	County road, near North line	1852, 1891	Wood	1	2	60.	200	1,800	2,000
Parker street	Parker street	1852, 1874, 1892	Brick	2	12*	140.87	7,700	53,000	59,700
Cantonville	Rockdale avenue	1853	Wood	2	2	40.	200	1,000	1,200
Cedar street	Cedar and Maxfield streets	1855	Wood	2	6	34.39	1,700	5,300	7,000
Dartmouth street	Dartmouth and Hickory streets	1855, 1890	Wood	2	8	60.16	3,500	13,000	17,100
Rockdale	Hathaway road	1855	Wood	1	2	50.94	100	1,000	1,100
Merrimac street	Merrimac and State streets	1857	Brick	2	6	60.45	3,300	15,000	18,300
Fifth street	Fifth and Russell streets	1860, 1876	Brick	2	10*	65.54	6,000	90,000	96,000
High	Summer street	1870	Brick	2	10*	133.88	11,000	100,000	111,000
Acushnet avenue	Acushnet avenue, near Grinnell	1878, 1894	Brick	2	10	82.85	6,000	44,000	50,000
Mary B. White	Maxfield and Pleasant streets	1881	Brick	2	4	31.37	4,300	21,000	25,300
Cedar Grove street	Cedar Grove street	1883, 1892	Brick	2	15	118.75	5,000	31,000	36,000
Thompson street	Thompson street	1883	Brick	2	10*	80.	4,300	33,500	37,800
Acushnet	Acushnet avenue, near Lund's Corner	1880, 1890	Wood	2	4	124.80	1,700	14,000	15,700
Harrington	Court street	1880, 1890	Brick	2	11*	140.13	5,000	50,000	55,000
I. W. Benjamin	Division street	1880, 1890	Brick	2	12	110.74	6,000	29,000	34,000
Sylvia Ann Howland	Pleasant and High streets	1891	Brick	2	7	51.40	9,500	53,600	65,100
Thomas A. Greene	Fourth and Madison streets	1891	Brick	2	10	63.38	5,200	53,000	58,200
Clark street	Clark street	1897	Brick	2	8	119.54	8,500	37,000	40,500
George H. Dunbar	Dunbar and Dartmouth streets	1897	Brick	2	8	140.	2,700	40,000	42,700
Phillips avenue	Phillips avenue	1898	Brick	2	8	118.08	5,500	33,500	38,500
Wm. H. Taylor	Coggeshall and Bowditch streets	1901	Brick	2	8	82.64	8,000	40,000	48,000
John H. Clifford	Blackmer street	1901	Brick	2	12*	210.40	12,638	71,600	84,238
Robert C. Ingraham	Shawmut avenue	1901	Brick	2	12*	109.11	12,000	70,000	82,000
Honorio A. Kempton	In school yards, two on Division st. and one on Madison	1901	Brick	2	8	143.30	4,680	43,000	47,680
Three portable school buildings		1908	Wood	1	1			4,331	4,331
									\$1,083,747

* Assembly hall.

POLICE STATIONS.

NAME	LOCATION	Year built	Material	No. stories	Rods of land	Valuation of land	Valuation of building	TOTAL
Central	Second street	1882	Brick	2	44.43	\$5,400	\$10,000	\$15,400
Willis street	Willis street near Purchase street	1850	Wood	2	12.27	1,325	2,500	3,825
Weld street	Weld street	1888	Brick	2	27.12	4,500	8,500	13,000
Blackmer street	Blackmer and Water streets	1892	Brick	2	7.76	800	12,000	12,800
Kempton street	Kempton and Cedar streets	1888	Brick	2	11.94	1,650	18,000	20,650
Police Stable	Second street, near School street	1891	Wood	2	18.24	1,500	2,900	4,400
								\$70,075

FIRE STATIONS.

NAME OF STATION	LOCATION	Year built	Material	No. stories	Rods of land	Valuation of land	Valuation of building	TOTAL
No 2	Purchase st. and Mechanics lane	1821	Brick	2	14.22	\$23,000	\$25,000	\$48,000
" 9	Acushnet ave., near Lund's Corner	1861	Wood	2	6.81	200	2,300	2,500
" 4	Sixth and Bedford streets	1866	Brick	2	20.09	1,700	14,300	16,000
" 1	Purchase and Franklin streets	1871	Brick	2	26.68	1,500	12,000	13,500
" 6	Fourth st., near Potomska street	1882	Brick	2	26.28	1,500	14,000	15,500
Weld street	Weld street	1888	Brick	2	27.13	4,500	8,500	13,000
No. 7	Durfee street	1890	Brick	2	37.38	1,500	20,000	21,500
" 5	County and Hillman streets	1892	Brick	2	23.85	8,300	20,000	28,300
" 8	Acushnet ave. and Davis street	1894	Brick	2	47.00	2,600	24,000	26,600
" 3	Kempton and Reed streets	1904	Brick	2	35.16	2,300	21,350	23,650
								\$203,550

OTHER PUBLIC BUILDINGS.

NAME	LOCATION	Year built	Material	No. of stories	Road land	Valuation of land	Valuation of buildings	TOTAL
City Hall	William and Pleasant sts.	1887	Stone	3	101.74	\$187,000	\$40,000	\$227,000
Library Building	William and Pleasant sts.	1882	Brick	2	68.75	104,000	30,000	134,000
Almshouse Property	Clark's Point	1842	Stone and Wood	3	77 acres	46,000	54,000	110,000
City Stables	Ash street	1877	Brick	1 and 2	456.88	8,400	37,000	45,400
Pumping Station and Lot	Purchase street	1886-1870	Stone	1	640.	24,000	25,000	49,000
School Committee Headquarters	William street	1846	Wood	2	24.61	5,000	4,700	9,700
Veteran Firemen's Headquarters	High and Foster sts.	1846	Wood	2	9.83	1,000	1,300	2,300
Ward Room	Fourth street	1835	Wood	1	8.82	500	650	1,150
Ward Room	Rivet street	1886	Wood	1	4.19	500	2,000	2,500
Bathing House	East French avenue	1889	Wood	1	leased land		1,700	1,700
Water Works	Lakeville	1885-1900	Brick and Wood				136,000	136,000
Isolation Hospital	City Farm	1864	Wood	2			41,200	41,200
Immigration Shed	City Wharf	1904	Wood	2			10,500	10,500
Miscellaneous Build'gs on City Parks							35,000	35,000
City Wharves, Cemeteries, etc.								\$785,450

RECAPITULATION.

School Buildings,	\$1,055,747
Fire Stations,	203,550
Police Stations,	70,075
Other Public Buildings,	785,450
	<hr/>
Total,	82,114,822

I desire to express my thanks to His Honor the Mayor, and to the different Committees of the City Council, and to the School Committee for their kind co-operation and support in carrying out the work in my charge.

Respectfully submitted,

EDMUND O'KEEFE,
Supt. Public Buildings.

REPORT

OF

Inspector of Buildings.

OFFICE OF INSPECTOR OF BUILDINGS,
NEW BEDFORD, MASS., Dec. 31, 1904.

BUILDING STATISTICS FOR 1904.

Total number of building permits granted during the year for new buildings, alterations, additions and repairs, was 541, at an estimated cost of \$1,575,552.04, classified as follows:

	No. permits	Estimated cost
New dwellings (including stores and dwellings combined),	210	\$648,400
New buildings for manufacturing business and storage purposes,	12	437,500
Buildings for religious purposes,	1	100,000
Buildings for purposes of halls,	1	8,000
Buildings for purposes of workshops, offices, and one story stores,	24	18,000
Alterations and repairs,	183	87,950
Miscellaneous buildings, including barns, sheds, buildings moved, etc.,	110	36,550
	541	<u>\$1,336,900</u>

CITY BUILDINGS.

County street schoolhouse,	\$88,476.31	
South street schoolhouse,	58,308.83	
Fire station, Kempton and Reed sts.,	21,348.50	
Immigration shed, city wharf,	10,564.00	
Isolation hospital, city farm,	41,197.29	
Alterations and repairs to schoolhouses and other city buildings,	18,757.11	238,652.04
Total,		<u>\$1,575,552.04</u>
Number of tenements added, including tenements in buildings altered,	447	

CLASSIFICATION OF DWELLINGS ERECTED.

One tenement each,	82
Two tenements each,	51
Three " "	67
Four " "	5
Five " "	1
Six " "	4
	<u>210</u>

Of the 447 new tenements added during the year, 308 contained bath rooms or nearly 70 per cent. of the total, showing an increase each year of a better class of tenements erected.

Prominent among the buildings for which permits were granted the past year, were the following:

Kilburn mill, St. James Catholic church, County street school, South street school, West end fire station, New England Cotton Yarn Co., storage shed; New Bedford Extractor Co., garbage plant; Manomet mill, storage shed; Beacon Mfg. Co., addition to factory; Immigration shed, city wharf.

COMPARISON OF 1903 AND 1904.

	1903	1904
Number of permits,	608	541
Estimated cost,	\$1,084,871	\$1,575,552.04
Buildings for manufacturing purposes,	634,500	437,500.00
New dwellings erected,	252	210
Number tenements added,	578	447

STATISTICS OF PREVIOUS YEARS.

	No. permits	Estimated cost	No. dwellings erected	No. tenements added
1893	340	\$1,800,000	151	322
1894	369	795,860	144	361
1895	554	1,301,871	201	527
1896	794	1,687,396	378	920
1897	797	1,357,395	310	699
1898	415	490,647	81	122
1899	424	708,245	79	124
1900	402	755,401	68	102
1901	446	1,099,102	161	235
1902	470	1,068,840	164	354
1903	608	1,984,871	252	578
1904	541	1,575,552	210	447
	<hr/> 6,160	<hr/> \$15,525,180	<hr/> 2,199	<hr/> 4,791

Twenty-six notices were sent out by the inspector during the year for various violations of the building laws, such as unsafe chimneys, unsafe and neglected buildings, etc. Eighteen of said cases were adjusted at the office of the inspector, and eight were brought before the committee on buildings for their action.

Section 45, Chapter 481, of the Public Statutes, Acts of 1904, provides that the inspector of buildings shall, in the month of May of each year, inspect every room of every hotel and lodging house of ten or more rooms above

the second story in this city, to ascertain if the provisions of the law regarding means of escape from such rooms in case of fire, and that means of extinguishing fires are provided and complied with.

I have to report that such inspection was made in the month of May, and that I found in nearly all cases that the law was complied with, and have so reported to the chief of state police in Boston.

I desire again, as in previous years, to call your attention to the necessity of revising to some extent the building ordinances of the city. The necessity for doing so becomes more apparent as the city continues to grow.

I shall merely outline a few of the more important changes that I would like to see introduced in the construction of our buildings.

Good, strong foundations and underpinnings; also strong brick piers or iron columns for the support of buildings should be insisted upon.

All brick chimney flues should have an eight-inch shell, or if built with a four-inch shell, should have a terra cotta or other lining. In this connection, I can say from data in my possession, that there are more fires in dwellings caused by defective chimney flues than from all other causes combined.

Where one or more families are to occupy tenements above the first story, that two flights of stairs, placed as far apart as possible, shall be provided to reach every story containing living or sleeping rooms, in order to make safe exits in case of fire. The necessity for this requirement has been forcibly brought out in the case of a recent fire in this city, where four persons lost their lives.

The matter has received the attention of the committee on buildings in the fire districts, to the extent that

the following vote was passed at a meeting of the committee held December 28, 1898.

VOTED — That all dwellings containing two or more tenements shall have not less than two inside stairways to reach every floor containing living or sleeping rooms, the stairways to be placed as far apart as practicable, or as may be directed by the inspector of buildings.

There are certain tenement houses that are considered fire-traps in this respect. Would it not be well to stop increasing the number of such?

Wooden buildings should be placed a sufficient distance apart on adjoining lots to allow facilities for putting out fires. Where wooden buildings are allowed nearer the line than the prescribed distance, the wall next the line should be built of brick or stone, with openings if any, in said wall to be provided with fire-proof shutters.

The erection of stables of any kind, nearer than a certain limited distance to dwellings, should be prohibited.

The question as to whether the limits of the first fire district in the center of the city might not be contracted at certain points, should, I think, engage the attention of the committee on buildings and of the city council the coming year.

There are points included in this district, that are now residential sections, and are likely to continue so for some years to come; I would suggest that all territory on the following named streets, beginning at a point 100 feet south from Union street, be excluded on Acushnet avenue, Fourth street, Fifth and Sixth streets; on Union street, west of Sixth street; on Pleasant street, north of Kempton street, and on Elm street, west of Pleasant street; the 100 feet limit holding good as provided for in the ordinances.

There are other questions and ideas relating to the work of the committee on buildings in the fire districts which are not here mentioned, but which will be brought before your honorable body in due time by the committee.

A large amount of work, such as answering inquiries or giving advice or counsel regarding building enterprises, cannot be tabulated, and is a constantly growing factor in the proceedings of this office.

I must gratefully thank the committee on buildings in the fire districts for the able and painstaking manner in which they have advised in all matters pertaining to the work of the office.

Respectfully submitted,

EDMUND O'KEEFE,

Inspector of Buildings.

IN BOARD OF ALDERMEN,

April 27, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

CITY OF NEW BEDFORD,

IN COMMON COUNCIL,

April 27, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT No. 13.

REPORT
OF THE
BOARD OF
OVERSEERS OF THE POOR
OF THE
CITY OF NEW BEDFORD
FOR THE YEAR 1904.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1905.

MEMBERS OF THE BOARD.

CHARLES S. PAISLER,
ALBERT H. W. CARPENTER,
WILLIAM H. RANKIN.

OFFICERS OF THE BOARD.

CHARLES S. PAISLER,
Chairman.
ALBERT H. W. CARPENTER,
Secretary.
ELLA F. BUCKLYN,
Clerk to the Board.
AUGUSTUS A. WOOD,
Visitor to the Board.
ANTONE H. SENNA,
Interpreter to the Board.
GEORGE BARNES, M. D.,
Physician, North District.
EDWARD T. TUCKER, M. D.,
Physician, South District.
FREEMAN H. ASHLEY,
Keeper of Almshouse.
CHARLOTTE S. ASHLEY,
Matron of Almshouse.
REV. EDWARD WILLIAMS,
Chaplain of Almshouse.
ANDREW J. ASHLEY,
Keeper of Wood and Coal Yard.

REPORT.

*To His Honor the Mayor and the City Council of
the City of New Bedford:*

GENTLEMEN:—The Board of Overseers of the Poor herewith submit their annual report of expenditures and receipts for the fiscal year ending December 5, 1904.

The appended itemized tables, under the several heads, will give full particulars as to the amount expended for each division.

Respectfully submitted,

CHAS. S. PAISLER,
A. H. W. CARPENTER,
WM. H. RANKIN.

FINANCIAL STATEMENT.

Dr.

To amount of appropriation	\$55,000.00
To amount of special appropriation	14,000.00
Received from State for support of paupers	3,290.03
Received from cities and towns	3,191.21
Received for support of insane	3,541.73
Received from individuals	694.97
Received from sale of hay	294.55
	<hr/> \$80,012.49

Cr.

MONTHS.	Outside Relief.	State Institutions	Cities and Towns	Alms-house	TOTALS.
1903, December	\$2,847.88		\$33.00	\$2,381.69	\$5,262.57
1904, January	2,943.85	\$4,171.00	485.36	2,699.40	10,299.61
February	3,329.10	74.87	26.00	2,285.51	5,715.48
March	3,997.11	8 67		2,442.40	6,448.18
April	2,946.96	337.54	75 57	2,338.74	5,698.81
May	2,253.17	119.15		2,310.05	4,682.37
June	2,800 62		5.00	2,469.43	5,275 05
July	2,297.85	418.22	323.05	1,992.33	5,031.45
August	2,943 29		120 39	2,718 16	5,781.84
Sept'mb'r	4,016.76		24.00	2,632.02	6,672.78
October	2,570 38	324.12	79.00	2,517.92	5,491.42
Nov'mber	3,866 89		57.00	4,755.67	8,669.56
	<hr/> \$36,803.86	\$5,453 57	\$1,228.37	\$31,543.32	\$75,029.12

Balance to unappropriated funds, \$4,983 37.

EXPENDITURE IN DETAIL FOR OUTSIDE RELIEF, 1904.

MONTHLY AUDITS.	Groceries.	State Institutions.	Cities and Towns.	Cash Orders.	Salaries.	Physicians and Medicines.	Burials.	Boots, Clothing, etc.	Transportation.	Horse Hire.	Office Expense.	Stationery and Printing.	Board Outside, Hospitals, etc.	Wood and Coal Yard.	TOTALS.
1903. December	\$1,689.75		\$33.00	\$136.50	\$256.55	\$185.00	\$161.00	\$32.99	\$20.00	\$7.50	\$48.70	\$40.75	\$117.57	\$176.57	\$2,890.88
1904. January	1,799.75	\$4,171.00	435.36	126.00	844.08	174.80	71.00	13.25	2.00		8.18	17.03	135.89	248.87	7,600.21
February	1,991.50	74.87	98.00	156.25	301.34	187.35	195.00	27.82	23.88	11.85	87.46	23.90	173.84	190.91	8,499.97
March	2,311.25	8.67		188.00	297.23	212.49	157.00	39.45	20.00	14.75	13.94	10.85	180.50	656.65	4,005.78
April	1,608.25	337.54	75.57	135.50	845.84	172.00	149.00	12.50	15.00	13.60	7.75	29.70	208.84	248.98	3,860.07
May	1,297.50	119.15		184.25	283.14	181.35	68.00		49.70		14.87	10.00	55.14	153.72	2,872.82
June	1,564.25		5.00	128.50	294.64	265.35	193.00	38.35	43.42		42.75	17.25	20.14	162.77	2,805.62
July	1,196.00	413.22	923.05	145.50	350.73	171.00	90.00	20.75	69.47	14.75	8.90	2.90	8.57	219.28	3,098.12
August	1,521.40		190.39	141.25	301.04	189.31	98.00	21.00	51.25		27.18	20.20	351.84	235.82	3,063.68
September	1,732.25		24.00	130.00	298.39	185.40	210.00	24.25	90.50	9.75	23.45	95.91	183.98	1,034.87	4,040.76
October	1,436.00	324.12	79.00	145.00	347.11	173.00	113.00	21.15	20.00	5.50	5.98	16.80	102.31	184.53	2,973.50
November	1,587.00		57.00	132.25	346.64	256.16	74.00	20.45	35.00	9.00	46.53	84.18	200.43	1,045.25	3,913.80
	\$19,734.90	\$5,433.97	\$1,298.37	\$1,677.00	\$3,776.73	\$3,333.21	\$1,568.00	\$372.16	\$438.72	\$86.20	\$280.19	\$369.47	\$1,638.06	\$4,557.22	\$13,485.80

DETAILED EXPENDITURE AT THE ALMSHOUSE, 1904.

MONTHS.	Flour and Grain.	Dry Goods and Clothing.	Meat, Fish, &c., &c.	Groceries.	Shoes, Hats and Leather.	Furniture and Crockery.	Hardware.	Fuel.	Repairs on Premises.	Carriage Repairs and Blacksmithing.	Superintendent, Labor and Nursing.	Medicines.	Miscellaneous.	Lighting.	TOTALS.
1903. December	\$118.20	\$107.77	\$107.78	\$353.90	\$46.30	\$6.78	\$31.68	\$303.40	\$93.15	\$96.09	\$841.26	\$105.98	\$33.69	\$93.71	\$2,381.69
1904. January	170.58	114.77	52.01	552.68	15.40	37.05	102.63	442.27	48.81		571.63	160.41	34.43	96.33	2,699.40
February	146.33	62.84	135.53	334.82	32.10	134.01	1.15	321.93	57.25	16.75	817.57	80.33	34.15	110.76	2,985.51
March	112.72	100.94	225.46	266.12	32.34	13.96	66.85	430.06	130.45	47.17	830.63	7.30	57.13	81.23	2,442.40
April	126.41	57.69	130.80	546.00	6.00	94.41	22.50	133.59	20.88	53.60	843.00	146.58	74.00	70.01	2,398.74
May	331.25	87.92	57.67	873.10		24.05	22.35	256.77	22.00	84.25	831.88	106.83	52.42	57.56	2,310.05
June	188.60	118.03	77.65	231.31	31.50	26.50	133.99	133.24	286.80	29.02	876.63	123.58	153.04	57.80	2,469.43
July	127.20	64.09	380.30	105.62		10.14	10.87	108.47	144.41	16.50	934.83	17.35	22.51	49.93	1,992.33
August	109.78	18.07	215.17	829.94	42.15	16.41	21.44	30.90	149.66	124.40	871.63	180.20	48.11	60.21	2,718.16
September	198.56	66.44	77.57	688.02	45.15	16.91	11.55	149.00	216.94	14.65	877.45	256.50	38.42	74.86	2,632.02
October	108.52	108.98	56.74	848.74	21.35	6.83	22.55	234.13	316.69	152.55	904.96	109.80	41.35	84.70	2,517.93
November	156.41	310.90	174.52	500.24	6.50	45.20	37.13	796.07	1,107.54	110.45	927.24	233.88	245.27	104.29	4,755.67
Totals	\$1,803.20	\$1,218.45	\$1,691.29	\$5,020.58	\$928.79	\$431.31	\$474.69	\$3,429.94	\$2,698.88	\$7,201.40	\$10,428.64	\$1,531.74	\$334.52	\$940.90	\$31,543.32

STATISTICS OF OUTSIDE RELIEF.

Gross cost of persons outside of almshouse	\$43,485.80
Receipts from various sources	11,013.49
Amount paid for persons in State Hospitals and in other cities and towns chargeable to this city	\$6,681.94
Number of families aided in 1904	712
" " settlement here	432
" " " elsewhere	111
" " State paupers	169
Number of persons aided in 1904	2,092
" " settlement here	1,215
" " " elsewhere	293
" " State paupers	584
Average cost of aid to each family yearly	\$36.22
" " " " person "	12.32

TRANSPORTATION.

Number of persons sent to their homes	70
" " " State Almshouse	68

BURIALS.

Males 87, females 62,	149
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STATE INSTITUTIONS.

Remaining at city expense, Dec. 1, 1903:

At insane hospitals, 102 patients, not chargeable to this City after Jan. 1, 1904.

At Massachusetts School for Feeble Minded	6
" " " " Epileptics	5
" " " " Dipsomaniacs	1

PAUPERS AIDED ELSEWHERE,

But having settlement here (exclusive of the insane), families 41, persons 99.

Amount paid for their support in 1904	\$1,228.37
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ALMSHOUSE REGISTER.

MONTHS	ADMITTED	DISCHARGED	REMAINING
December,	13	12	105
January	7	14	98
February	8	11	95
March	8	12	91
April	16	15	92
May	11	7	96
June	6	9	93
July	16	13	96
August	6	8	94
September	15	10	99
October	11	14	96
November	10	10	96
Totals	127	135	1,151

Number of inmates remaining Nov. 30, 1903	104
Whole number during the year	231
Discharged during the year	135
Remaining Nov. 30, 1904	96
Average monthly numbers	96

PRODUCE OF THE CITY FARM, 1904.

Potatoes	750 bushels
Onions	400 bushels
Squash	6,000 pounds
Turnips	200 bushels
Beets	8,000 pounds
Cabbage	3000 heads
Sweet corn	5 acres
String beans	25 bushels
Peas	20 bushels
Tomatoes	212 bushels
Celery	15,100 plants
Cucumbers	20 bushels
Lettuce	250 plants
Parsnips	3 bushels
Rye grain	42 bushels
Fodder corn	3 tons
Hay	154 tons
Straw	4½ tons
Fowl	160 pounds
Milk	39,700 quarts
Eggs	450 dozen

REPORT OF THE PHYSICIAN
OF THE
SOUTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN: — I have made during the year ending December 5, 1904, 1558 house visits, received 174 office calls, and visited the alshouse 137 times; 17 births, 45 deaths.

Respectfully submitted,

EDWARD T. TUCKER, M. D.

REPORT OF THE PHYSICIAN
OF THE
NORTH DISTRICT
TO THE
BOARD OF OVERSEERS OF THE POOR.

GENTLEMEN — I have made during the year ending December 5, 1904, 1,190 house visits, received 311 office calls, and visited the almshouse 21 times; births, 12; deaths, 18.

Respectfully submitted,

GEORGE BARNES, M. D.

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

May 25, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

D. B. LEONARD, City Clerk.

IN COMMON COUNCIL,

May 25, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT — No. 14.

Eleventh Annual Report

OF THE

DEPARTMENT OF PARKS

OF THE

City of New Bedford, Mass.

FOR THE YEAR 1904.

NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS,
1905.

BOARD OF PARK COMMISSIONERS.

1904-1905.

JAMES E. MOORE,
SAMUEL P. RICHMOND,
OBED C. NYE,
ERNEST A. WHEATON,
CHARLES T. SMITH.

OFFICERS.

CHAIRMAN,
JAMES E. MOORE.

SECRETARY,
ERNEST A. WHEATON.

GENERAL SUPERINTENDENT,
THOMAS W. COOK.

CONSULTING ENGINEER,
W. F. WILLIAMS, CITY ENGINEER.

REPORT.

CITY OF NEW BEDFORD,
OFFICE OF PARK COMMISSIONERS,
MASONIC BUILDING.

December 31st, 1904.

*To His Honor the Mayor and the City Council of the
City of New Bedford, Mass.*

GENTLEMEN: — As required by Chapter 154, Section 12, of the Acts of the Legislature of the Commonwealth of Massachusetts of the year 1882, entitled "An Act to Authorize Cities and Towns to Lay Out Public Parks Within Their Limits," approved April 18, 1882, the Board of Park Commissioners of the City of New Bedford has the honor to submit herewith a report of its doings, including detailed statements of all receipts, expenditures and liabilities for the year ending Nov. 30th, 1904.

The officers of the Board have remained unchanged during the past year, Mr. James E. Moore filling the position of chairman, and Mr. Ernest A. Wheaton secretary of the Board.

The past year has been one of some importance to the park system in many respects. Improvements of a substantial and beneficial nature have been undertaken—some completed and some in course of construction—which will require more time than one season affords or one annual appropriation provides for.

The work in this department is steadily increasing, due in measure to the fact that our city is experiencing a substantial growth of population, making the demand for places of recreation, pleasure and out-door enjoyment in suitable and well conditioned resorts more of a necessity than ever before. Our parks are visited by thousands of our people whose circumstances in life preclude the possibility of a summer recreation by journey to the seashore or other summer resorts, where those can go who do not have to count the cost and can afford the time. The parks throughout the department have been kept up to and maintained in their usual good condition, and various improvements made upon them to the extent that appropriations would allow.

The most extensive changes and improvements have been made on Buttonwood Park. Owing to the undeveloped condition of the property when purchased by the City for Park purposes, it has required more outlay, and will continue to require more expenditure to make it as complete as the other parks, and the problem of developing it without neglecting the other parks has at times been a perplexing question. The park is popular and destined to be as desirable by the public as any park we have. That portion of the park now occupied by the base ball diamond should be made into a complete playground. There is ample room for more diamonds and other games. The demand from that large portion of our community who play the games, and the still larger portion who enjoy witnessing the same, are urgent in their appeals for more accommodation, and the Board would gladly accede to their wishes and provide all the necessary appliances and conditions for the permanent installment of a complete playfield if their resources would permit. The operation of creating and developing parks requires large means and outlays, and should be conducted upon plans carefully thought out, and intelli-

gently, continuously and perseveringly followed until they are perfected, after which the expense of their care only would be the demand made upon the taxpayers for their support. The consideration of the Board for new sites for playgrounds has engaged their attention during the year, and as in former reports they most emphatically urge the obtaining of either by lease or purchase suitable places in different parts of the City where for a small cost playgrounds could be established, and in this connection we quote from the annual message of President Roosevelt: "The people of this country should clearly understand that no amount of industrial prosperity can in any way atone for the sapping of the vitality of those who are usually spoken of as the working classes. Upon their well being, generation after generation, the well being of the country and race depends. The overcrowding of cities and the draining of country districts are unhealthy and even dangerous symptoms in our modern life. The slums exact a heavy total of death from those who dwell therein; and this is the case, not merely among the high buildings in New York and Chicago, but in the alley slums of Washington. For a happy-go-lucky lack of concern for the youth today, the community will have to pay a terrible penalty of financial burden and social degradation tomorrow. . . .

If when the children grow up they are unhealthy in body and stunted or vicious in mind, then that race is decadent; and no heaping up of wealth, no splendor of momentary material prosperity, can avail in any degree as offsets. *Public playgrounds* are necessary means for the development of wholesome citizenship in modern cities. It is desirable that vacant places be reserved in sections of the city, which are destined to be built up solidly. All these needs should be met immediately."

That our parks are growing in favor, popularity and importance can not be doubted, as the crowds visiting

them are annually increasing in numbers, and the enthusiasm of the public who do visit them is always apparent in the pleasure and satisfaction which they manifest. Of course, improvements which are always made with a view to render more attractive, desirable and enjoyable the parks or portions of the parks when they are made, all of which requires attention and means maintenance, which calls for expense, therefore the honorable City Council is respectfully urged to attentively consider the subject in allowing the annual appropriations, and if in your wisdom the Commissioners' estimates of the necessary amount needed for park purposes must be lessened, why, reduce them in amounts asked for improvements, if any amount is asked for that purpose; but in any event, give the department money enough for its proper maintenance, for what use are the parks to the people without they can be maintained properly?

Mr. Warren H. Manning, landscape designer, of Boston, was consulted in regard to continuing the improvements on Buttonwood Park, and furnished a comprehensive design and working plan, which is hoped may some time in the near future be adopted and carried out.

PARK REPORT.

7

WARREN H. MANNING.
LANDSCAPE DESIGNER,
1101-1104 TREMONT BUILDING,
BOSTON, MASS.

June 20, 1905.

*Mr. Thomas W. Cook,
Supt. Board of Park Commissioners,
New Bedford, Mass.*

DEAR SIR:— In accordance with your request, I have prepared a planting plan, which is submitted herewith, together with a general study.

Before undertaking the preparation of a planting plan for a portion of Buttonwood Park, I made a careful examination to determine upon a general plan for the future development of the section, for any planting plan must almost necessarily form a detail of a general plan. My conclusions are embodied in the accompanying sketch, concerning which I have the following suggestions to make in the order of their importance.

First, that the present canal be made a lagoon, dotted with islands, this being the least expensive method of correcting the present rather unsatisfactory appearance of the canal, which is neither distinctly formal or distinctly informal.

In the planting plan, plantations along shore were made with a view to their ultimately standing upon such islands as I have suggested.

At present the zoological collection of the park is quartered in and about this locality. As this section of the park seems to be better adapted to such a purpose than any other section, I have suggested in the sketch additional enclosures to provide for water fowl and such animals as are benefited by proximity to water, in order that they may have the advantage of the lagoon.

I have also suggested that a deer enclosure be made in a portion of the wild woods, with a path next to the fence, from which the animals may be seen.

Another suggestion was a basin next to the present street retaining wall separated into compartments, so that fish of various kinds could be kept and grown in the water running through from the large pond to the lagoon, the walks to be so arranged that the fish could be readily seen therefrom.

The accompanying planting plan provides, first, for a border plantation along Brownell avenue, to be made up of native Rhododendron, Dogwood and Redbud, with groups of Bee Balm, Yellow Day Lilies and low varieties of perennial Asters at irregular intervals along the edge of the planting, these last being hardy perennial herbs that will grow well with the shrubs and extend their season of flower.

A similar plantation along Court street is composed of Nine Bark, Panicle Hydrangea, White Weigela, Ithota Privet, Redbud and Dogwood, with groups of herbs similar to those referred to above.

At intervals along the paths on either side of the canal, and along the road to the east, I would have irregular masses of such shrubs as Arrow-wood, New Jersey Tea, Common Barberry, Wild Rose, Japanese Rose, Japanese Barberry, Panicle Hydrangea and Woolly-leaved Hydrangea, combined in such a way as to secure the best possible effects from foliage, general habit of growth and flower, and faced down on the outside with herbaceous plants, as in the case of the other plantations. These herbaceous plants will give you a succession of flowers from hardy plants that will require but little attention when once established, and they will grow in beauty from year to year.

A continuous plantation of Panicle Dogwood faced down on both sides with Wild Rose, and containing

individual specimens of Shad Bush to give added variety to the sky line, would separate the road to the east from the path running parallel to it.

Directly on the edge of the stream to the south of the canal I would have groups of Silky Dogwood, Elderberry and Chokeberry, with an individual specimen or two of Golden Barked Willow to add a touch of color in winter.

The plan also provides for either the Wistaria or the Climbing Japanese Bitter Sweet on all buildings, one giving you flowers in the spring, and the other brilliant fruit in the autumn and winter. As it is nesessary that people should come close to nearly all parts of these houses, it is not practicable to provide much in the way of shrub planting about their base. It is for this reason that vines are suggested that will, if grown in rich soil and if properly trained, give much the effect that shrubs would give in screening blank walls.

I will submit to you an estimate of the cost of this planting. In addition to this plantation, which will be put in place at once, I would recommend at least a few plants made up of the following varieties, to be used on the islands and about the yards and enclosures, when you carry out the lagoon idea, if this meets with your approval: Red Osier Dogwood, Button Ball, Silky Dogwood, Virginia Creeper, Witch Hazel and Red Berried Elder, nearly all of which will grow rapidly, make a canopy of foliage that could be used on islands and in yards for the protection of such birds and smaller animals as you may wish here. They would grow and be of sufficient size to serve the above purpose when you have prepared the lagoon and the islands.

Of equal importance with this proposed new planting is the development of the existing growth. First, I would advise you to leave all the wilder parts of the woods in their present natural condition until you have determined upon the details of such planting as I have

suggested, or some other planting. From that part of the woods lying west of the present canal I would have at least one-half of the existing growth removed root and branch, using great care to select for removal the weaker specimens from the oldest stumps, and to save seedling trees or vigorous sprouts from young stumps. Where there is a choice in the selection of varieties, I should prefer first the Beech, next the White Oak, then the Scarlet Oak, and then the Scarlet Maple. The Gray Birch should nearly everywhere be left for the present, as it serves as a nurse tree. Ultimately it will be removed, except where it stands on the edge of the open spaces where there are no other trees of importance. Your purpose here should be to develop between the canal and the road along the property line a fine growth of broad-spreading individual trees; but to do this it is best to make your thinning rather gradual than to cut out all that you think should be ultimately cut, because if the thinning is made too radical at first, it is likely to check the growth of the remaining trees. The Norway Spruce planted in the open ground of this area should be removed and used at some point in the border, perhaps at the upper end of the proposed extension of the lake, because they will ultimately spread and cover so much ground as to seriously restrict the available space for recreation purposes. It is altogether likely that this section of the grounds, together with the playground, will be very greatly crowded at times with visitors, and that provision should be made to have the intended open space unrestricted by plantations that will prevent its free use.

In all this study I have had regard for the plan that you have recently published that was prepared in 1895, but which included land which you have not, and do not seem likely to be able to acquire. The inability to acquire this land, the construction of Court street in a very

substantial manner directly across the center of the park, the establishment of a collection of animals, and the setting apart of a large rectangular plot as a playground, makes it impracticable to carry out this plan, although by making the lagoon you will have established its central feature, and you will still be able to have the circuit road of the plan much modified in detail; in fact, you have already established a portion of this circuit road. Under the circumstances, it would seem advisable that you arrange to have another general plan prepared, in which the existing outlines of the park, and the uses to which it is now being put, should be accepted as the basis for such a study.

Yours very truly,

WARREN H. MANNING.

PLANTING LIST
FOR
BUTTONWOOD PARK, NEW BEDFORD, MASS.
June 20, 1905.

- A. Rhododendron Maximum.
- B. Dogwood.
- C. Redbud.
- E. Wistaria or Japanese Bitter Sweet.
- F. Bee Balm, Yellow Day Lily and Perennial Asters.
- G. Panicked Dogwood in centre, faced down on both sides with Wild Rose, in the following proportions:—
 - One-third Panicked Dogwood.
 - Two-thirds Wild Rose.
- H. Shad Bush — individual specimens — to give more variety to sky line.
- I. Golden Barked Willow, to give a bit of color with its yellow foliage.
- J. Silky Dogwood at water's edge.
- K. Elderberry at water's edge.
- L. Chokeberry, to face planting to lawn.
- M. Arrow-wood in center, with New Jersey Tea facing planting to lawn, in the following proportions:—
 - One-third Arrow-wood.
 - Two-thirds New Jersey Tea.
- N. Common Barberry in center, with Wild Rose around the edge.
- O. Japanese Rose in center, with Japanese Barberry around the edge of bed.
- P. Panicked Hydrangea in the center, the edge faced to the lawn with the Woolly-leaved Hydrangea.
- Q. To be made up of the following proportions:—
 - One-fourth Nine Bark.
 - One-fourth Panicked Hydrangea.
 - One-fourth White Weigela.
 - One-fourth Ibota Privet.

BROOKLAWN PARK.

The popularity of this park remains undiminished, and has maintained its attractiveness, which is due to its natural beauty and the care and effort to keep it in a clean and well developed condition. This park has been from the time it was acquired by the City the most popular resort for picnics, and schools, societies and parties, not only from our own City, but from the neighboring towns, have resorted there for their summer gatherings and pleasure outings, and certainly it is a most desirable place for such purposes. The band concerts Sunday afternoons were attended by many thousand people, who by their orderly deportment and apparent satisfaction seemed to affirm the wisdom of the City's affording them the opportunity of enjoying such salutary advantages. The street railway passing the park makes it easy of access.

The regular spring work of cleaning up the grounds was commenced April 2, and the preparatory work of placing the flower beds and borders in condition for the plants was satisfactorily done. The drives and walks received the necessary repairs occasioned by the damage of a severe winter, and the park was put in condition to receive the summer visitors.

COMMON.

The Common or public garden has been carefully and successfully maintained, and is the pride of our citizens. Its well-kept lawns and beautiful flower-beds have proved a great attraction, and a great many people have greatly enjoyed its lovely appearance. A new tool-house has been built in architectural harmony with its

surroundings, and is a great convenience and saving of time and labor by the men having all the necessary equipment close at hand, instead of having them stored at the greenhouse lot, some distance away. The walks around the monument have been laid anew in granolithic, and adds much to the appearance as well as the comfort of those who like to stroll around the monument and enjoy the monument and its surroundings. In connection with the Common, the lot on County street purchased for the purpose of raising the stock required for the flower beds has proved a wise and economical measure. A propagating house and a large number of cold frames were built, and all the flowers needed for the Common and all the other parks and squares of the City raised, which had heretofore been bought each season in the open market. There are some much needed repairs and improvements which the Board would like to make when it is possible to do so, but they are aware that the finances will not allow of too great expenditures in any single year, and so try to do a portion annually and in time accomplish what they consider essential. At the request of some of the school authorities, flowers have been furnished the schoolhouse grounds, and the children exercised in planting and caring for them, much to their enjoyment and education in what is a beautiful work, impressing upon their young minds the love of nature and its wonderful possibilities.

HAZELWOOD PARK.

This beautiful park was the resort during the summer season of a great many picnic parties, and hardly a pleasant afternoon was passed without some society, or a number of parties could be seen under the trees, taking their lunch and enjoying the beautiful views of the river

and water front. An effort was made to provide a skating place for the children in the neighborhood, and in the early winter six hundred thousand gallons of water was provided by the Water Department from the hydrants on the middle road, but the ground would not hold it and the attempt was given up, much to the disappointment of the little ones. The north roadway leading onto West French avenue was widened so as to allow carriages to pass one another, and about half an acre of land in the southwest corner of the park was cleared of the underbrush, graded and made available for use. The wharf on West French avenue received the repairs it has so long needed. The walls were taken down and rebuilt, the top taken off to the depth of three feet, then a thick layer of seaweed, on top of which a filling of dressing and soil, then it was sowed down, and a very nice grass plot supplants what was before very unsightly. Nothing else of importance was done, aside from keeping the grass cut, roads in good condition and the flowers and shrubs in order.

GROVE PARK.

The judgment of the Commissioners in making this park a playground for the children was easily confirmed by the attendance of the large numbers who daily resorted there for amusement. Being situated in a part of the City where open spaces for out-door resort are not numerous, it at once became popular with the little children, whose only place for play had been the streets. The installing upon the park of athletic apparatus, consisting of large and small frames, with high and low swings, teeter ladders, jump stands and merry-go-round, also sand boxes for the small children, was received with the greatest satisfaction, and proved that it was a wise

expenditure and that a further adoption of playgrounds throughout the City in similar locations would prove beneficial and an advantageous improvement and addition to the park system. The apparatus is similar to that used in indoor gymnasia, and so far as it goes is first-class. The constant use during the summer demonstrated that it was both popular and practical, as it was used to its fullest capacity, and must have been a great relief to hundreds of parents whose little ones were during the summer vacations cared for and amused in a safe, pleasant and healthful way by the wise provisions of the city authorities. It is to be hoped that the policy of establishing playgrounds in various sections of the City, thus so satisfactorily commenced at this park. Children's playgrounds are an absolute need in all sections of the City. The public streets should not be the children's playground. It would in no way conflict with the larger parks, as the purposes are altogether different and their value.

TRIANGLE PARK.

This little piece of ground has received the care of the florist, and the display of flowers and shrubs has been appreciated by the people residing in that location. All that it requires is to keep the grass properly cut and the flower-beds full of seasonable flowering plants, which has been done. More such places located in different parts of our City would add greatly to its civic beauty and attractiveness.

Respectfully submitted,

JAMES E. MOORE,
SAMUEL P. RICHMOND,
OBED C. NYE,
ERNEST A. WHEATON,
CHARLES T. SMITH.

Financial Report.

NEW BEDFORD, Nov. 30, 1904.

To the Board of Park Commissioners:

GENTLEMEN: — I have the honor to submit the eleventh annual report of the receipts and expenditures of the Department of Parks for the year ending Nov. 30, 1904.

STATEMENT OF PARK EXPENDITURES.

COMPARATIVE STATEMENT.

1892.....	\$77,936.87
1893.....	5,734.79
1894.....	24,458.95
1895.....	21,321.17
1896.....	10,054.26
1897.....	14,834.89
1898.....	20,620.70
1899.....	18,879.33
1900.....	20,581.53
1901.....	51,011.63
1902.....	43,503.17
1903.....	42,042.33
1904.....	44,999.25
	<hr/>
	\$395,978.87

PARK REPORT.

ITEMIZED STATEMENT — 1892-1904.

Buttonwood Park.....	\$130,752.43
Brooklawn Park.....	112,378.04
Common.....	56,756.40
Marine.....	8,546.16
City Hall;.....	615.25
Triangle.....	1,010.87
Grove.....	10,859.97
Pine.....	632.58
Hazelwood Park.....	50,339.41
Bridge Approach.....	425.47
Office.....	17,662.29
	<hr/>
	\$395,978.87

FINANCIAL STATEMENT FOR THE YEAR.

DR.

Buttonwood Park.....	\$18,892.86
Brooklawn Park.....	7,915.14
Common.....	8,327.74
Grove Park.....	479.20
Bridge Approach.....	425.47
Triangle.....	50.00
Office.....	3,425.89
Hazelwood Park.....	5,482.95
Unexpended.....	20.00
	<hr/>
	\$45,019.25

CR.

Appropriations.....	\$45,000.00
Credits.....	19.25
	<hr/>
	\$45,019.25

MAINTENANCE OF BUTTONWOOD PARK.

Dr.

Ass't Supt.....	\$910.00
Police.....	821.50
Labor.....	9,055.95
Labor, skating.....	393.50
Road Improvements	424.50
Improvements.....	4,530.90
Expense.....	281.92
Supplies.....	129.08
Dressing	111.70
Trees, shrubs, seeds.....	123.46
Animal supplies	640.56
Hardware	80.73
Light	357.42
Skating expense.....	37.03
Fire extinguisher.....	29.00
Repairs	120.23
Swings, settees.....	603.28
New animals.....	214.10
Hydrant.....	28.00
	<hr/>
	\$18,892.86
	<hr/>

Cr.

Net Expenditures.....	\$18,892.86
	<hr/>

PARK REPORT.

MAINTENANCE OF BROOKLAWN PARK.

Dr.

Ass't Supt.....	\$895.01
Police.....	1,460.00
Labor.....	3,986.00
Supplies.....	107.00
Expense.....	251.63
Animal supply	528.37
Dressing.....	112.50
N. B. Water Works.....	127.44
Hardware	137.08
Repairs	206.66
Trees, shrubs, seeds.....	74.45
Fire extinguisher	29.00
	<u>\$7,915.14</u>

Cr.

Net expenditures.....	<u>\$7,915.14</u>
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MAINTENANCE OF COMMON.

Dr.

Ass't Supt.....	\$910.00
Police	975.75
Labor.....	2,572.75
Rent.....	376.03
Dressing.....	189.57
Supplies.. ..	37.00
Hardware.....	64.45
Light	197.04
Trees, shrubs, seed	247.76
Expense.....	122.53
Greenhouse and toolhouse	1,728.96
N. B. Water Works.....	120.82
Hydrant	54.24
Repairs.....	61.42
Granolithic Walk.....	669.42
	<u>\$8,327.74</u>

Cr.

Net expenditures.....	<u>\$8,327.74</u>
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MAINTENANCE OF TRIANGLE PARK.

DR.

Care of park.....	\$50.00
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CR.

Net expenditures.....	\$50.00
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MAINTENANCE OF HAZELWOOD PARK.

DR.

Ass't Supt.....	\$728 00
Labor.....	2,017.25
Police.....	249 75
Supply.....	46.84
Hardware	104.89
Expense.....	212.70
Repairs	32.81
Dressing	87.50
Fire extinguisher.....	29.00
Improvements.....	1,364 85
Wharf.....	598.71
Seed, trees, shrubs.....	15.65
	<u>\$5,482 95</u>

CR.

Net expenditures	\$5,482.95
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MAINTENANCE OF GROVE PARK.

. DR.

Labor	\$322.75
Repairs.....	52.43
Hardware42
Gymnastic apparatus.	103.60
	<u>\$479.20</u>

CR.

Net expenditures.. ..	<u>\$479.20</u>
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MAINTENANCE OF BRIDGE APPROACH.

DR.

Labor.....	\$344.60
Hardware	26.67
Trees, shrubs, seed....	54.30
	<u>\$425.47</u>

CR.

Net expenditures.. ..	<u>\$425.47</u>
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OFFICE EXPENSES AND MISCELLANEOUS.

Dr.

Superintendent and Clerk.....	\$1,805.02
Supplies and expense.....	265.71
Rent.....	312.00
Carriage hire.....	434.00
Traveling expenses.....	77.76
Printing.....	528.40
	<u>\$3,425.89</u>

Cr.

Net expenditures	<u>\$3,425.89</u>
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LABOR AND SALARY PAY ROLL FOR THE YEAR.

1903, December, Nos. 1, 2, 3.....	\$709.15
1904, January, " 4, 5, 6, 7, 8.....	1,705.90
February, " 9, 10, 11, 12.....	1,015.82
March, " 13, 14, 15, 16.....	843.43
April, " 17, 18, 19, 20, 21.....	1,851.89
May, " 22, 23, 24, 25.....	2,498.99
June, " 26, 27, 28, 29.....	2,708.42
July, " 30, 31, 32, 33, 34.....	4,164.22
August, " 35, 36, 37, 38.....	4,045.96
September, " 39, 40, 41, 42.....	4,581.28
October, " 43, 44, 45, 46, 47.....	2,753.92
November, " 48, 49, 50, 51.....	857.81
December, " 52.....	210.94
	<u>\$27,447.73</u>

Respectfully submitted,

THOMAS W. COOK,

Clerk.

1905 — CITY DOCUMENT No. 15.

Tenth Annual Report

OF THE

BOARD OF CEMETERY COMMISSIONERS

NEW BEDFORD, MASS.,

For the Year Ending December 3, 1904.

NEW BEDFORD, MASS.
THE A.E. COFFIN PRESS, CITY PRINTERS.
1905.

THE NEW BEDFORD CEMETERIES.

OAK GROVE.

RURAL.

PINE GROVE.

GRIFFIN STREET.

BOARD OF CEMETERY COMMISSIONERS.

JOHN G. NICHOLSON, Chairman.

WILLIAM M. HIGHAM.

CHARLES H. VINAL, Secretary.

LOCATION OF CEMETERIES.

RURAL — Dartmouth St.

OAK GROVE — Parker St.

PINE GROVE — Tarkiln Hill Rd.

GRIFFIN STREET — Cor. Second St. and Morgan's Lane.

**CITY OFFICE,
Merchants Bank Building, Room No. 304.**

**CLERK OF BOARD,
PARDON A. MACOMBER.**

**ASSISTANT,
MISS IVA M. HUNT.**

**SUPERINTENDENT,
CHARLES F. CORNELL.**

SEXTONS

**Oak Grove — Hurlbert E. Thomas.
Rural — Nelson L. Pike. Pine Grove — John F. Gifford.
Griffin Street — Closed.**

**The cemeteries are opened daily from March 31st to October 1st
until 7.30 p. m., and during the remaining months until sunset.**

**Maps and plans of lots can be seen and all information can be
obtained at the city office or at the cemeteries.**

CITY OF NEW BEDFORD.
OFFICE OF THE CEMETERY BOARD,
MERCHANTS BANK BUILDING.

NEW BEDFORD, MASS.,
December 3, 1904.

To the Honorable City Council, City of New Bedford:

GENTLEMEN:—The Board of Cemetery Commissioners submits its Tenth Annual Report, the same being for the year ending December 3, 1904.

Financial.

To the Board of Cemetery Commissioners:

GENTLEMEN:—The undersigned presents the following synopsis of the financial affairs of the Department of Cemeteries, City of New Bedford, for the year ending December 3, 1904.

RECEIPTS AND EXPENDITURES.

DR.

Annual appropriation, Jan. 28, 1904	\$10,000.00
Special appropriation, June 23, 1904	10,000.00
Receipts, labor on lots to Dec. 5, 1904	8,398.25
Receipts, labor on perpetual care lots, 1903	3,016.93
	<hr/>
	\$31,415.18

CR.

Expenditures, general	\$31,308.77
Balance to new account	106.41
	<hr/>
	\$31,415.18

SALE OF LOTS.

DR.

Balance old account	\$4,459.73
Receipts to Dec. 5, 1904 (lots sold)	4,975.00
	<hr/>
	\$9,434.73

REPORT OF CEMETERY BOARD.

7

CR.

Expenditures, embellishment and improvement	\$3,224.03	
Purchase of new land	4,000.00	
Balance of appropriation for new land not yet expended	250.00	
Balance to new account	1,960.70	
		<hr/>
	\$9,434.73	

CLASSIFIED STATEMENT OF EXPENDITURES.**RURAL CEMETERY.**

General labor account (labor on extensions, new sections, avenues, etc.)	\$10,353.12	
Supplies, general	1,455.77	
Tools	338.50	
Dressing	937.69	
Improvement	166.50	\$13,251.58

OAK GROVE CEMETERY.

General labor account (labor on extensions, new sections, avenues, etc.)	\$7,489.07	
Supplies, general	731.31	
Tools	242.08	
Telephone	37.00	
New trees and shrubs	42.00	
Concreting avenues	308.77	
Dressing	324.41	9,174.64

GREENHOUSE.

Maintenance	\$627.20	
Labor	1,430.70	
Addition	461.22	2,519.12

GRIFFIN STREET CEMETERY.

General labor account	\$132.94	132.94
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REPORT OF CEMETERY BOARD.

PINE GROVE CEMETERY.

General labor account (labor on extensions, new section, avenues, etc.)	\$1,914.57	
Supplies, general	200.53	
Dressing	32.93	
Tools	21.25	
Shelter house	157.07	
Tool house addition	81.35	
New well	460.36	
New tank and installation	728.00	
Engine	210.00	
Engine house	90.83	3,896.89

OFFICE.

Office supplies	\$554.07	
Telephone	74.67	
Rent	300.00	
Transportation	255.00	
Report	247.89	1,431.63

SALARIES.

Superintendent	\$1,200.00	
Clerk	942.00	
Assistant	520.00	2,662.00
Sexton's salary, Rural Cemetery	\$720.00	
Sexton's salary, Oak Grove Cemetery	720.00	
Telephone, Superintendent's residence	24.00	1,464.00
Balance, unappropriated funds, 1904	\$106.41	
Purchase new land	4,000.00	
Balance unexpended appropriation for new land	250.00	
Unexpended, sales of lots	1,960.70	6,317.11
		<u>\$40,849.91</u>

P. A. MACOMBER,

Clerk of the Board.

It has been but comparatively few years since the sentiment toward our burial places has changed. The old burial ground of the past has, through the influence of a better educational system, been renovated, the weeds are kept under control, and the head stones once more stand erect. The park-like effect of the newer sections of the cemeteries is very restful, the Board having persistently followed the lawn plan system in all its extended territory. The single grave sections and the Public Grounds have been embellished with ornamental vases and shrubs and are as well cared for as the most expensive lot. Every dollar received is used for maintenance and care, and cemeteries of this city compare favorably with any in this section of the country, as to their neat and attractive appearance.

In Rural Cemetery, the expense has been confined mainly to the maintenance and care of these grounds, the avenues have been much improved by a top covering of cinders and gravel. The park sections and borders have been neatly trimmed, and embellished with many additional shrubs and floral designs. The old grove of scrub oak, adjacent to the Manoah, has been cut down, and that section will be prepared for sale during the coming season. No new sections have been added during the year, a sufficient number of lots remaining unsold to supply the present demand. The additional drain and catch basins, recommended by the Superintendent in his report, have been completed, and the importance of this improvement has been apparent during the season of heavy rains.

The Cemetery Board is desirous of completing the more extraordinary improvements to this cemetery during the season of 1905. The new entrance to these grounds through the land recently purchased for this purpose, should be constructed in accordance with the plans already prepared by the City Engineer, the sexton's cottage should be removed to the site purchased for the same, and the

new street fence of modern design substituted for the present picket enclosure. This will require increased expenditure and we trust the City Council will carefully consider these required improvements in providing for this department.

Strenuous appeal has continuously been made, and reference to the previous reports will show that this Board has strongly urged the City Government to make necessary provision for the purchase of a lot of land at the corner of Dartmouth and Oak streets, adjoining Rural Cemetery, for the purpose of constructing a new, safe and modern entrance to these grounds. At a regular meeting of the City Council, Sept. 24, 1903, a special appropriation was asked for this purpose, but was defeated. The Cemetery Board, however, realizing the *necessity* of procuring this property for the above purpose, and feeling that further intelligence respecting the cemetery's need for the same might be conveyed to the City Council, made another appeal to them on May 12, 1904, asking for a committee of conference that the premises might be viewed and the actual need of its purchase observed. This committee was not appointed, however, until May 16, 1904, at which meeting the Council appointed Messrs. Lee, Watson and Milliken, and the Mayor appointed Aldermen Jenney and Lawton. This committee met in conference with the Cemetery Board, on the ground at Rural Cemetery; the advisability of the immediate purchase of the land above mentioned was at once apparent to the committee, as was also sufficient adjoining property upon which the sexton's cottage should be moved. At the next regular meeting of the City Council, May 26, 1904, this committee recommended that the several lots of land be purchased for the purpose as designated by the Cemetery Board, and an order was thereby introduced asking that a special appropriation of \$4,250.00 be made for the same. The order was again defeated.

The Cemetery Board, knowing this to be the only opportunity to purchase land for a proper entrance to this large cemetery, determined to make one more effort to purchase the lots. Sufficient money had accumulated from "Sales of Lots" in the cemeteries to meet this purchase, but the Board had wished that the funds might be raised by the Council from other sources, and the accumulation from "Sales of Lots" be used for the immediate development of the land. It was plainly evident that if the land was purchased, the money from this fund must be used, in consequence of which the following order was introduced at the meeting of the City Council, June 23, 1904:

CITY OF NEW BEDFORD,

IN COMMON COUNCIL,

June 23, 1904.

ORDERED — That the sum of four thousand two hundred and fifty dollars (\$4,250.00), be and the same is hereby appropriated from Unappropriated Funds for the purpose of purchasing three certain parcels of land for the improvement of Rural Cemetery, as follows:

1. One lot, containing 70.7 rods, more or less, situated at the northwest corner of Oak and Dartmouth streets, belonging to H. T. Borden & Co.
2. One lot, containing 18.25 rods, more or less, situated on the north side of Oak Street Court, belonging to Lizzie T. Borden.
3. One lot, containing 11.16 rods, more or less, situated on the south side of Oak Street court, belonging to Emma F. Black.

And it is further ordered, That the City Auditor be and hereby is directed to transfer the sum of four thousand, two hundred and fifty (\$4,250.00) dollars

from the account "Cemeteries, Sale of Lots" to the account of "Unappropriated Funds," said transfer being for the following purpose: To reimburse the City for the cost of land purchased under this order.

Adopted in concurrence.

Common Council—Yeas, 19; nays, 2.

Board of Aldermen—Yeas, 5; nays, 1.

Presented to and approved by the Mayor June 24, 1904.

This reduced the "Sale of Lots" account to the extent that the land will have to remain as it is until sufficient accumulation by further sale of lots will admit of its improvement or special provision is made for the same by action of the Council.

At Oak Grove Cemetery.—General activity has been shown in these grounds throughout the season. Not only has the usual care and maintenance been preserved, but special work has been pushed in developing the remaining portion of the extreme north and west sections of this cemetery. This will complete the preparation for sale of all the available land suitable for burial purposes, thus emphasizing the importance of providing for the future need of the north and west sections of the City by the purchase of the tract of land adjacent to Pine Grove Cemetery, reference to which is more particularly made in the following detail of this report. Under the direction of the sexton, Mr. Hurlbert E. Thomas, many attractive features in the artistic arrangement of the palms and floral designs on the borders and lawns have been made, the artificial pond with its aquatic growth enlivened with myriads of gold fish, surrounded by many varieties of foliage plants, has been a striking exhibition in the tasteful and harmonious embellishment of the park entrance to these grounds.

In the older portion of this cemetery, special attention was given this year to the straightening and in some cases re-setting many of the old head stones. The work has received much public approval. A large portion of concrete walk, which had been broken by the frost and washed by heavy rains, has been re-laid, and many lots which have previously shown the appearance of neglect are now being cared for by renewed interest of their proprietors.

A great deal of thought has been given of late years to the extension and improvement of *Pine Grove Cemetery*. Its general condition has often been commented upon in the annual reports of this Board. The possibility of access direct to the main avenues leading from the City, by the construction of a new entrance, has frequently been discussed. The steady growth of the City and the increasing demand for lots in these grounds have prompted the Board to make extensive improvements. During the summer twenty employes were assigned to this cemetery; land for two new sections was broken and cleared of all obstructions, graded and seeded, and divided into lots of desirable dimensions, some of which have already been purchased. New avenues have been constructed, giving access to all lots in these sections. Many of the lot owners have placed their lots in perpetual care, and a large number avail themselves of the opportunity to place their lots under the annual care of the City.

Pine Grove Cemetery being situated in a location quite remote from the City's water supply, it was therefore necessary, in order to provide for the proper care of lots under the charge of this department, the protection of the numerous flower beds and shrubs, the borders and lawns, to provide a local supply of water of sufficient capacity for the present need, and also future

requirement, as it becomes necessary to further extend these grounds. The problem was met without hesitation on the part of the Board. Contracts were soon placed for the construction of a water plant located at the north of the present cleared section, and before the close of the season a complete water system was installed, consisting of a thirty-foot well, yielding an inexhaustible supply of water. Above this was erected a twenty-seven foot tower, supporting a tank with a capacity of five thousand five hundred gallons. From this, distributing pipes will be laid to hydrants in different locations in the cemetery, to which hose can be attached. The water is raised from the well to the tank by an Ericson engine, placed in connection with the plant. The tower and tank have been neatly painted, and are not objectionable features in the cemetery. The cost of this plant will not exceed \$1,500.00, and has been paid for from the receipts of this department.

One of the attractive features of this cemetery is the new shelter house which has been built this year. It is of rustic construction and unique in design. The protection the little building has furnished in inclement weather and sudden storms, and from the hot rays of the summer's sun, has been frequently commented upon by the many visitors to this cemetery. Pine Grove Cemetery, however, has but a limited area, consisting of 10 acres and 89.61 square rods, the larger portion of which has already been developed and improved. Provision should at once be made by the City to purchase the tract of land on the north and west of this ground, now owned by Rhoda B. and Allen Russell, Jr., containing 71 acres and 10.86 square rods. This land is nearly all cleared, and is of such character as to make a valuable acquisition for burial purposes, as well as providing extended area for cemetery use in this section of the City.

Griffin Street Cemetery.—Early in the spring of 1904 the Water Department extended a service and hydrant into these grounds, from which the flower beds and shrubs have been supplied with water during the summer. The water has been supplied in previous years from the faucets of the neighboring residences. No further special work on the old burying ground has been required during the year. The ordinary and regular work necessary to the proper care of this old burial ground has been faithfully performed by the custodian, Mr. Nelson L. Pike, Sexton of Rural Cemetery.

Greenhouses. — The products of these houses contribute almost entirely to the ornamenting and embellishment of the several cemeteries, under the care and supervision of Mr. Edmund Johnson. Over sixty thousand bedding plants have been raised and transplanted to the several beds, borders, vases and trust lots in the cemeteries. No investment is required for stock, as cuttings are taken from our own plants in the fall, and but little is spent for new seed each year. "What would our cemeteries be without flowers?" If there is one place more than another where it is appropriate for flowers to be cultivated, it is our cemeteries. Many potted plants, such as *Dracænas*, Palms, Century Plants, Oleanders, etc., are used to ornament the lawns and park sections of the grounds, being arranged to give a pleasing effect. There are also many other places, at the tombs and around the ponds, where plants may be advantageously placed. It has always been found to be a very satisfactory feature at funerals and burials to use plants and flowers to take away the harshness of the grave.

It has been necessary to extend the fern house for the accommodation of our potted and standard plants

during the winter, and the greenhouse and plant department are now important features in our cemetery work. There is a vast amount of work to be done by the gardener which is not strictly confined to the greenhouse. The trees and shrubs are under his care, and he is to direct all changes necessary in that special department.

This department desires to acknowledge the gift to the cemeteries from Mr. Charles W. Gelllette, 299 Chancery street, of two large Century Plants of a special variety, which have supplied an attractive ornamentation on the lawn at the entrance to Oak Grove Cemetery.

The Cemetery Board beg to acknowledge the cordial co-operation of the City Engineer, Mr. Wm. F. Williams, and his assistants for material supplied incumbent to his office, on surveys and grades, plans for new sections and avenues, including a special provision of duplicate plans of those sections showing unsold lots, neatly arranged in folio, to be used at the cemeteries by those desiring to purchase lots. The Board also appreciate the prompt and faithful attention given to the record of interments by his assistants.

PLEA FOR PERPETUAL CARE.

It is to be noted in all recently published catalogs of cemeteries, a large space is devoted to the explanation of this system now so acceptable, and also appreciated in a marvelous increase in the number of lots placed within its lists. These lists, together with the numerous "Perpetual Care" signs to be seen upon lots in the cemeteries, indicate its rapid growth and favorable consideration.

The perpetual care of a lot may be said to comprise the care of the sod, plants, more or less elaborately arranged, and the washing and pointing, and possibly the

renewal of the memorial stones. In the older portions of the cemeteries, which are not laid out on the lawn plan system, the fence and curb will require some care until such time as their owner will consent to remove them. The really important items which should be provided for whenever possible are the care of the sod and the washing and pointing of the memorial stones.

When lots are sold with perpetual care, nothing more than the care and repair of the sod is usually provided for, as no equitable sum can be fixed for the care of memorial stones until their design, material and number are decided on. An additional deposit can be made later for their care or for plants.

A burial ground unprotected and neglected presents a cheerless and sad spectacle. It would seem that the dead who lie in such a place had been strangely forgotten by the living. Hence no cemetery or burial ground is complete or satisfactory which does not show, not only evidences of care and respect paid by individuals and families to the memory of their own dead, but evidences also of that respect which the community of the living should ever bear toward the community of the dead. The endowment required for the perpetual care of a lot is that sum, the interest of which at the assumed rate is sufficient to meet the average annual expenditure necessary to keep the sod in order, wash and point the memorial stones, when necessary, and to provide such plants as may have been agreed upon. The Board advocates not less than one hundred and fifty dollars be deposited; the ordinance, however, provides that any sum can be deposited to perpetual care, but it is the province of the Board to determine what amount, the interest of which will be sufficient to annually care for the lot. The ordinances provide also that all moneys for perpetual care shall be deposited in the Savings Banks or Institutions for Savings in this Commonwealth, and the interest only is available for the care of lots.

The amount of money deposited to the perpetual care of lots, Dec. 7, 1903, was \$81,790.84; to this has been added during the year \$6,458.00, making a total now deposited \$88,248.84, representing 877 lots, 56 having been added this year.

If lot owners desire that their purposes respecting their lots shall be absolutely fulfilled, it can best be done by each one being his own executor, and placing with the City Treasurer the amount of his intended bequest, before his decease. Lots and their improvements will be examined and an estimate of the sum required to provide for special perpetual care will be furnished upon request.

The attention of lot owners is also invited to another important subject — that of assuring the undisturbed interment of themselves and families in the lots they have selected with so much care and thoughtful regard for the future. That these lots should ever be sold, and their bodies removed and those of their families, through the poverty or cupidity of those who might inherit them, could have never been contemplated by the owners at the time of purchase. Even though parents may feel that their graves will not be sold, and their remains disturbed by their own children, they cannot feel as secure as to remoter heirs. Lot owners may, with but little trouble, avert the possibility of such consequences, by authorizing the City, through this department, to take and hold (but not with the power to convey) any plot which may be conveyed by "Assignment in Trust," and to restrict interments therein to such persons as may be designated in the assignment. This provision is designed to meet the views of many lot owners who desire no interments made in their lots, except such as they name, and that the improvements which they have placed on their lots and the interments made in them shall remain undisturbed.

In closing, it is our pleasant duty to give expression to the appreciation of the efficient management and development of the cemeteries by the Superintendent, Mr. Charles F. Cornell, and to the Sexton and employes, who have satisfactorily and acceptably performed their duties, under his direction.

We are grateful to the many kind expressions of commendation from His Honor, Mayor Ashley, the City Council and the citizens generally.

Respectfully submitted,

JOHN G. NICHOLSON, Chairman.

W. M. HIGHAM.

CHARLES H. VINAL, Secretary.

Superintendent's Report.

To the Cemetery Board, City of New Bedford :

GENTLEMEN:—I herewith submit my annual report, with a summary of the work performed, together with a few suggestions pertinent to this department.

The past season has been a very busy one, requiring the employment of a slightly increased force of men, and for a longer time. In common with the past three or four seasons, the growth of grass has been phenomenal. The rainy weather prevailing during so much of the summer induced such a crop of grass that continual cutting was necessary to keep it within proper bounds.

Several of the old avenues have practically been re-constructed and are now in condition for several years' service. There are some, however, which should be re-graded and filled with proper material for a road-bed.

A question of much importance that will soon confront the Board is that of supplying suitable burial places in the public lot, to meet the steadily increasing demand. The laying out of such a range in any of the territory remaining at disposal is something of a problem that it may not diminish the value of contiguous lands.

The new iron fence along the Dartmouth street frontage of Rural Cemetery should be constructed during the coming season, as the present wooden pickets are in need of repair. Preparation, as far as possible, should

be made for the opening of the new entrance to this cemetery, as the old one is quite inadequate for the present needs of these grounds.

No extension of the water supply has been made in the principal cemetery of the City for several years. I particularly wish to emphasize the need of sufficient extension to satisfy the public demand. Many visitors are now required to carry water long distances to supply their lots. Long lengths of hose are often supplied to accommodate visitors, at their request. Provision for an extension of not less than 1,500 feet in both Rural and Oak Grove Cemeteries should be considered at once.

The increasing interest of the citizens of New Bedford in the development of Pine Grove Cemetery, the demand for lots, the rapid spread of the population in the northern section of the City, have raised the important inquiry of "What are the possibilities of extending these grounds by purchase of the surrounding territory and thus providing for future demands?" While the Board has already given this matter much consideration, I venture to recommend that the matter be early presented to the City Council, that the adjacent land, now accessible, be purchased for the extension of this cemetery, before it is acquired by others for building sites.

Respectfully submitted,

CHARLES F. CORNELL,

Superintendent.

SUMMARY OF WORK DONE IN CEMETERIES, 1904.

	<i>Rural.</i>	<i>Oak Grove.</i>
Sq. ft. land prepared for burial purposes -		21,800
Sq. ft. land graded and sodded - - -		21,800
Sq. ft. land seeded - - - - -	15,600	21,800
Lineal ft. of avenues and walks built - -	290	
Tons broken stones used in repairing avenues and walks - - - - -		12
Foundations built for tablets - - -	135	84
Foundations built for monuments - -	14	11
Drains laid (ft.) - - - - -	221	21
Catch basins - - - - -	3	
Lineal feet of avenues re-fitted - - -	2,180	3,405
Lineal ft. borders trimmed and straightened		5,670
Neglected graves re-fitted - - - -	22	40
Neglected lots re-fitted - - - - -	4	10
Neglected head stones re-fitted - - -	23	75
Hedges and fences condemned and removed - - - - -	5 hedges 6 fences	5 hedges 2 fences
Trees removed - - - - -	106	4
Foundations re-built - - - - -	21	15
Interments made in lots - - - - -	234	161
Interments made in single graves - -	54	27
Interments made in public ground - -	116	40
Interments made in Soldiers and Sailors lot	6	
Total interments in 1904 - - - - -	410	228
Brick graves built - - - - -	41	40
Lots in annual care - - - - -	855	622
Bodies entombed, 1904 - - - - -	80	50
Bodies remaining in tomb - - - - -	7	11
Bodies disinterred this year - - - -	31	10
Prepared lots unsold - - - - -	625	298
Actual value of lots unsold - - - - -	\$21,905	\$36,085
Lots sold, 1904 - - - - -	33	26
Single graves sold - - - - -	40	31
Plants raised in greenhouses and frames	15,067	20,514
Trees and shrubs planted - - - - -	16	12
Flower and shrub beds - - - - -	132	105
Cost of maintenance and improvement -	\$13,251.58	

REPORT OF CEMETERY BOARD.

23

Cost of maintenance - - - - -	\$9,174.64
Total interments - - - - -	11,546 11,441
Average number employes - - - - -	32 28
Teams - - - - -	2 2
Number double loads cinders used for re-fitting avenues - - - - -	691
Number double loads loam used for grading lots - - - - -	492
Number lbs dressing used in covering flower beds and lots - - - - -	401,565

PINE GROVE CEMETERY.

Interments made in lots - - - - -	11
Interments made in 1904 - - - - -	11
Number of lots in annual care - - - - -	61
Number of prepared lots unsold - - - - -	85
Actual value of lots unsold - - - - -	\$5,160.00
Number of lots sold - - - - -	7
Number of plants raised in greenhouses and frames - - - - -	3,624
Shrubs planted - - - - -	10
Flower and shrub beds - - - - -	11
Cost of maintenanc - - - - -	\$3,896.89
Total number interments - - - - -	519
Regular number employes - - - - -	2
Number sq. ft. land prepared for burial purposes	16,003
Lineal ft. avenues built - - - - -	367
Drains laid (ft.) - - - - -	27
Number of lots in perpetual care - - - - -	7

GRIFFIN STREET CEMETERY.

Trees and shrubs planted - - - - -	4
Flower beds - - - - -	3
New shrubs - - - - -	4
Cost of maintenance - - - - -	\$132.94

FRIENDS.

Total interments 1904 - - - - -	1
Number of lots in annual care - - - - -	14

List of Property.

OFFICE — MERCHANTS BANK BUILDING.

- 16 Chairs
- 2 Desks
 - 1 Type-writer desk
 - 1 Cabinet for plat-books
 - 1 Case with working plans
 - 1 Book-case
 - 1 Pair scales
 - 1 Letter-press
 - 1 Type-writer
- 2 Large maps (framed)
- 1 Card index of card records
 - "Acts and Resolves of Massachusetts
Legislature, 1887-1904"
- 1 Clock
- 1 Cabinet
- 2 Tables
- 14 Plat-books
- 1 Ledger card index of accounts

RURAL CEMETERY.

OFFICE.

- 1 Box working plans
- 1 Box steel numbers, 1-9
- 1 Framed "rules and regulations"
- 1 Desk
- 4 Office chairs
- 1 Bill file
- 1 Book of plans
- 1 Framed plan of cemetery
- 2 Pairs curtains
- 1 Table
- 1 Rubber mat

TOOL HOUSE.

7 Axes	1 Hedge trimmer
3 Ax handles	1 Hose reel
2 Augers	1 Horse roller
2 Bill hooks	1 Hatchet
8 Bushel baskets	2 Hand saws
4 Bush scythes	26 Hoes
4 " " handles	3 Hose nozzles
2 Buck saws	800 Ft. hose
240 Bound stones (terra cotta)	1 Horse shovel
1 Bier	1 Heater
5 Brooms	68 Hand drills
1 Blowing spoon	2 Ice choppers
5 Blowing drills	2 Iron blocks
1 Boat	9 Iron stakes
1 Cant hook	2 Lowering devices
2 Carpenter's hammers	1 Level
2 Claws	1 Large tool box
1 Chisel	1 Lawn roller (stone)
1 Cloth tape (50 ft.)	3 Lanterns
1 Cross-cut saw	2 Lowering device covers
½ Coil new rope	3 Ladders
3 Chains	4 Lawn sprinklers
5 Drilling hammers	13 Lawn mowers
1 Drag	43 Maddocks
3 Derricks	1 Oil can
3 Falls	10 Oil cups
2,400 Flower pots	24 Picks
15 Forks	41 Pick handles
29 Fountain covers	20 Perpetual care signs
20 Grass hooks	20 Pail racks
15 Grass shears	12 Public ground signs
12 Grave benches	129 Pails (water)
3 Garden trowels	15 Pails (mortar)
5 Grave furms	1 Paving hammer
3 Grind-stones	1 Paving pounder
4 Grave linings	1 Pruner
1 Glass cutter	1 Putty knife
3 Grave canvasses	50 Round pointed shovels
8 Grave rests	(long handled)
3 Grave tongs	20 Rubbish cans
76 Grave pins (iron)	1 Spraying can
1 Hydraulic pump	39 Snow shovels

4 Spades	1 Stencil plate
2 Sledge hammers	4 Signs "Keep off the grass"
2 Striking hammers	2 Signs
4 Stone hammers	("Rules and Regulations")
1 Steel square	1 Vise
1 Steel tape (50 ft.)	1 Watering cart
14 Steel tars	31 Wooden rakes
6 Scythes	18 Wheelbarrows
9 Scythe handles	1 Water ballast roller
1 Snow plow	4 Wrenches
2 Screw drivers	18 Watering pots
19 Sledge hammer handles	2 Weeders
1 Sand box	2 Wooden squares
15 Small tool boxes	44 Wooden blocks
1 Step ladder	22 White wash brushes
1 Stove	6 Signs "No dogs allowed"
42 Settees	57 Steel rakes
1 Stencil (Rural Cemetery)	1 Sounding rod
11 Sod pounders	1 Transportation wagon
9 Sod lifters	2 Tents
11 Sod cutters	3 Trowels (mason's)
1 Stilyard	

Sundry stock, consisting of

Paint	Cedar stubs	Hose
Oil	Lumber	Menders
Turpentine	Sand	Grass seed
Acid	Cement	Bone meal
Paint brushes	Lime	Fertilizer
Scrubbing brushes	Ropes	Glass
Steel brushes	Explosives	Plant boxes
Files	Caps	Pumice stone
Backing	Fuse	Salt
Wedges	Hose couplings	

OAK GROVE CEMETERY.

OFFICE.

- 1 Desk
- 1 Large framed map of cemetery
- 3 Chairs
- 1 Book of plans
- 1 Framed "Rules and Regulations"
- 1 Bill file
- 1 Table

TOOLS.

- 48 Round pointed long handled shovels
- 1 Round pointed short handled shovel
- 1 Long handled post hole shovel
- 1 Weed hoe
- 4 Roller weed hoes
- 52 Wooden grass rakes
- 7 Maddocks
- 2 Pinch bars
- 2 Square pointed long handled shovels
- 23 Spades
- 21 Iron snow shovels
- 1 Wooden snow shovel
- 47 Hoes
- 1 Mortar hoe
- 50 Iron rakes
- 40 Grub hoes
- 20 Steel bars
- 2 Steel bars for foundations
- 26 Pick axes
- 15 Short handled dung-forks
- 4 Long " " "
- 15 Sod cutters
- 9 Sod pounders
- 100 Steel hand drills
- 4 Blowing drills
- 1 " spoon
- 3 Sledge hammers
- 3 Chalking hammers
- 3 Iron wedges
- 2 Derricks

1	Gin
1	Guy rope
2	Claws
13	Lawn mowers
78	Cycles
15	Oil cups
12	Scythe handles
1	Bush scythe
2	Blacksmith hammers
1	“ forge
15	Iron rope pins for grave
2	Grave frames
70	Iron grave pins
1	Grave bailer
4	Pr. grave straps
2	Lowering devices
	Lowering device curtains
3	Pr. grave benches
1	Pr. grave planks
1	Hydraulic pump
4	Hose sprinklers
4	“ nozzles
1	Mason's hammer
2	Plum rules
1	Steel sounding rod
2	10. ft. ladders
1	8 ft. ladder
1	18 ft. extension ladder
150	Ft. cloth tape
125	“ “ “
1	Grindstone
1	Fountain with eagle as centre piece
1	Terra cotta stub puller
	Terra cotta markers 1-1,000
	“ “ “ 1-255
45	Slate path markers
160	Half fibre water buckets
2	Half water barrels
20	Buckets racks
6	Steel brushes for cleaning granite
2	Glass cutters
27	Pick ax handles
6	Short handled spading forks
4	Bill hooks

- 9 Sod lifters
- 1 Iron sod pounder
- 10 Lbs. backing and wedges
- 3 Hand drilling hammers
- 2 Face hammers
- 1 Pean hammer
- 16 Face and sledge hammer handles
- 4 Iron wheelbarrows
- 12 Wooden wheelbarrows
- 3 Falls with blocks
- 5 Iron chains
- 2 Wooden drags
- 15 Lawn mower cogs
- 41 Grass shears
- 12 Scythes
- 5 Rifles
- 1 Pr. hedge shears
- 1 Auvil
- 1 Leveling iron
- 1 Iron grave hook
- 5 Grave canvasses
- 2 " " (for covering dirt)
- 1 " pump
- 1 Pr. Lowering device straps
- 1 Endless chain for device
- 1 Pr. grave ropes
- 5 Canvasses for lining graves
- 1 Grave awning
- 400 Ft. $\frac{1}{2}$ ' rubber hose
- 300 Ft. 1' " "
- 2 Hose racks
- 5 Trowels
- 1 Jackscrew and bar
- 1 Paving broom
- 1 " hammer
- 1 Iron stamp "Oak Grove"
- 1 Stencil
- 1 Box steel numbers 1-9
- 1 " " letters A-Z
- 3 Fountain shutoffs
- 19 " covers
- 19 Fountains
- 1 Stub auger
- 400 Terra cotta star markers, 3' star
- 90 " " " " 4' "

23	Wooden water buckets
2	Water tubs
5	Galvanized water pails
26	" " cans
3	Whitewash brushes
17	Brooms
2	Putty knives
13	Bushel baskets
1	Hot water heater
4	Signs "rules and regulations"
6	" " "no dogs allowed"
2	" " "no passing"
10	" " "keep off the grass"
25	" " "public ground"
18	" " "perpetual care"
1	Plane
1	Bit stock
2	Ice spades
2	Doors
6	Screw drivers
1	Stilson wrench
50	Dynamite caps for battery
1	Spool electric wire
1	Pr. long legged rubber boots
1	Pr. short " " "
1	Transportation wagon
1	Hand cart
1	Hand stone roller
1	Hand water ballast roller
6	Axes
2	Hatchets
1	Ax handle
	Badges, 1-25, for men
2	Stoves
2	Galvanized stove pipes
150	Wooden tree stakes
150	" stubs
25	Rubbish cans
33	Settees
1	Iron vase
1	Starrett hack saw, with 6 saws
2	Hand saws
1	Roller edging cutter
2	Water dippers

- 5 Files
- 6 Pr. pruning shears
- 3 Wrenches
- 1 Battery for dynamite
- 250 Ft. electric wire
- 1 Express wagon
- 1 Watering cart
- 1 Hand truck
- 1 Horse plough
- 1 " snow plough
- 1 " stone roller
- 1 " scraper
- 1 " harrow
- 1 Flag and flag pole

Sundry stock, consisting of

Paint	Cement	Pumice stone
Oil	Lime	Piece of rubber
Turpentine	Hose couplings	Employees' lockers
Acid	Hose menders	with locks and keys
Paint	Grass seed	Fifteen small tool
Brushes	Bone meal	boxes, and brick
Lumber	Fertilizer	
Sand	Glass	

GREENHOUSE TOOLS.

1 Pr. Scissors (wire)	1 Hand syringe
2 Watering pots	1 Clock
2 Pr. trimming shears	1 Long handled pruning knife
1 Lamp	2 Gal. oil can
1 Lb. Whale Oil soap	1 Dandelion puller
1 Soap atomizer	225 Ft. ½' rubber hose
60 Bulb pans	3 Radiators
1 Step-ladder	3 Scratching rakes for garden
2 Garden trowels	1 Spraying tank
1 Pruning saw	1 Rubber sprayer
1 Roll paper standard	1 Lantern
1 Knife for scraping paint	½ Doz. mouse traps
1 Fumigating stove	2 Heaters
1 Cold pit	50,000 Flower pots
1 Copper fish-tank	48 Cold frames, with sash
1 Cement "	2 Knives forcutting bulbs
8 Cold frame mats	

PINE GROVE CEMETERY.

2 Lawn mowers	3 Scythe handles
5 Scythes	6 Wooden grass rakes
6 Sickles	1 Bush scythe
4 Iron rakes	1 Bush scythe handle
4 Hoes	2 Picks
3 Axes	2 Pick handles
1 Iron bar	2 Oil cups
1 Iron grave hook	2 Sod cutters
2 Grave planks	2 Sod pounders
2 Dirt canvases	6 Water buckets
1 Sledge hammer	1 Mason's trowel
1 Chalking hammer	1 Hand saw
1 Weed hoe	1 Wood saw
1 Grave canvas	3 Water pails
5 Shovels	2 Iron wedges
2 Snow shovels	1 Iron square
1 Claw hammer	1 Spade
2 Grave linings	1 Grave awning
6 Pins for grave linings.	50 Terra cotta markers
8 Grave pins	1 Grave frame
50 ft. rope	2 Grave benches
1 Horse sprinkler	3 Pairs grave straps
1 Ladder (18 ft. 6 in.)	1 Broom
1 Wooden wheelbarrow	2 Grub hoes
1 Iron wheelbarrow	1 Bushel basket
1 Short handled shovel	1 Grindstone
1 Hand cart	2 Plum levels
1 Water cart	9 Settees
2 Long handled forks	50 Ft. tape
Working plans	250 Ft. new rubber hose
1 Set stencil letters	225 Ft. old rubber hose
10 Lbs. tacking and wedges	4 Paint brushes
1 Sounding rod	1 Pair spring balances
1 Hand Syringe	1 Lantern
8 ft. 6 in drain pipe	1 Pair pruning scissors
1 Land roller	50 Lbs. bone meal
150 Wooden markers	1 Desk
1 Iron sounding rod	7 Signs "Perpetual Care"
1 Blowing spoon	1 Rifle stone
1 Brush for cleaning granite	1 Tamping iron
1 Bier	1 Small grave box
3 Small wrenches	1 Big wrench
12 Hose couplings.	3 Hose menders
4 Grass shears	1 Desk

REPORT OF CEMETERY BOARD.

33

PLANTS SET OUT AT OAK GROVE CEMETERY, SPRING OF 1904.

Geraniums	1,675
Achyranthus	952
Bannas	2
Verbeanas	104
Cosmos	94
Salpigolos	12
Alsonias	19
Sweet Allysum	310
Asters	237
Mesembryanthemums	138
Pelegoniums	12
Poppies	146
Seedling Dahlias	50
Mourning Bride	24
Nasturtium	84
Fuchsias	8
Vincas	243
Torenia	130
Rose Geraniums	14
Forget-Me-Nots	2,274
Pansies	6,519
Ageratum	211
Echeverias	1,150
Tuberous Begonias	69
Crotons	3
Nut Palms	19
Calendulas	96
Begonia Vernon	287
Begonias Rex	22
Heliotrope	70
Moon Vine	1
Amaranthus	96
Marigolds	426
Hydrangeas	43
Yellow Marguerites	82
Coleus	804
Platogodons	16
Cannas	1,873
Snapdragon	64
Marguerite Carnations	150

REPORT OF GEMETERY BOARD.

Coreopsis	318
Caladiums	95
Petunias	384
Phlox	222
Castor Beans	12
Thunbergia	38
Althernantherias	2,250
Grevillia Robusta	23
Rubber Plants	5
Germain Ivy	78
Calendulas	23
Lobelias	162
Draceanas	15
Salvias	900
Daisies	1,746
Sweet Rocket	125
Salleroi Geraninms	173
Mixed Plants	150
Tall Feverfew	58
Ornamental Grasses	26
Ferns	119
Cenerarias Maritima	55
Begonias, mixed	183
Impatiens Sultana	3
Golden Feverfew	38
Dusty Miller	138
Tea Roses	53
Zinnias	356
Gaillardia	239
<hr/>	
Total	26,514

PLANTS IN FRAMES.

Cinerarias	125
Pelargoniums	100
Azalias	6
Oleanders	15
Seedling Dahlias	50
Spotted Salvias	24
Asters	300
Oranges	4

REPORT OF CEMETERY BOARD.

35

Zinnias	200
Cyclamens	50
Nut Palms	25
Begonias	125
Geraniums	25
Snapdragon	100
Seedling Carnations	100
	<hr/>
Total	1,249

PLANTS SET OUT IN RURAL CEMETERY SPRING OF 1904.

Geraniums	2,014
Achyranthus	655
Cannas	150
Marguerite Carnations	240
Sweet Allysum	80
Petunias	269
Phlox	135
Mesembryanthemums	39
Nasturtium	90
Vincas	64
Thunbergia	33
Grevillia Robusta	12
Ivy Geranium	86
Lobelias	275
Salvias	1,830
Castor Beans	8
Bananas	3
Golden Feverfew	135
Grevillia Robusta	3
Amaranthus	175
Cosmos	62
Ferns	12
Coleus	1,778
Salleroi Geraniums	468
Begonia Vernon	655
Ageratum	300
Dusty Miller	160

REPORT OF CEMETERY BOARD.

Tall Feverfew	181
Calendulas	75
Tea Roses	50
Platycodons	175
Salpiglosos	150
Grasses	80
Hydrageanas	63
Gaillardias	87
Heliotrope	168
Tuberous Begonias	35
Draceanas	12
Fuchsias	215
Althernantherias	3,500
Toreñas	200
Caladiums	30
Echeverias	325
Poppies	40
Total	15,067

PLANTS SET OUT AT PINE GROVE
CEMETERY, SPRING OF 1904.

Geraniums	327
Coleus	755
Calendulas	50
Cannas	186
Zinnias	74
Mesembryanthemums	18
Coreopsis	75
Achyranthus	144
Caladiums	24
Marguerite Carnations	24
Ageratum	122
Gaillardias	50
Cosmos	25
Ornamental Grasses	50
Forget-Me-Nots	460
Castor Beans	1
Begonia Vernon	90
Salvias	273

REPORT OF CEMETERY BOARD.**37**

Verbeanas	36
Marigolds	101
Tall Feverfew	18
Petunias	160
Fuchsias	30
Lobelias	50
Sweet Alysum	36
Golden Feverfew	90
Poppies	100
Sweet Rocket	25
Dusty Miller	30
Mixed Plants	200
Total	<hr/> 3,624

**PLANTS SET OUT AROUND POND AT
OAK GROVE CEMETERY,
SPRING OF 1904.**

Grevillia Robusta	42
Umbrella Plants	25
Draceanas	20
Large Hydrangeas	4
“ Palms	5
“ Oleanders	3
“ Century Plants	2
“ Banana Plant	1
“ Orange Plant	1
Abutlions	3
Total	<hr/> 106

PLANTS SET OUT IN NURSERY, 1904.

Dahlias	50
Jeruselem Cherries	25
Small Hydrageanas	36
Crimson Rambler Roses	75
Carnation Pinks	250
Draceanas	120
Tea Roses	18
Total	<hr/> 574

CITY OF NEW BEDFORD,

IN BOARD OF ALDERMEN,

Jan. 26, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

WM. A. COOK, Assistant City Clerk.

IN COMMON COUNCIL,

Jan. 26, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

1905 — CITY DOCUMENT No. 16.

ANNUAL REPORT

OF THE

INSPECTOR OF MILK,
PROVISIONS AND
ANIMALS

OF THE

CITY OF NEW BEDFORD

For the Year Ending December 31, 1904.

NEW BEDFORD, MASS.
THE A. E. COFFIN PRESS, CITY PRINTERS.
1905.

11078

CITY OF NEW BEDFORD,
IN BOARD OF ALDERMEN,
March 9, 1905.

Received, ordered printed in the City Documents,
and sent down for concurrence.

WM. S. COOK, Ass't City Clerk.

IN COMMON COUNCIL,
March 23, 1905.

Concurred.

W. H. B. REMINGTON, Clerk.

REPORT.

NEW BEDFORD, MASS.,

Dec. 31, 1904.

*To His Honor the Mayor, the Board of Aldermen, and
the City Council of the City of New Bedford:*

GENTLEMEN — The report of this office is herewith respectfully submitted.

The main question occupying this office is the procuring for the citizens of New Bedford pure, unadulterated, wholesome, standard quality milk, meats and provisions.

"There is no person who realizes the value of pure milk, both as regards its food value and as a protection against disease, more than the inspector, and I have made it a duty to procure this end by whatever methods, provided they be honest and legitimate, that, in my own experience and that of others who know the value of what they suggest, seem, under the circumstances, the most promising, and the result is that New Bedford's milk supply is second to none in this state.

"The inspector's office, at No. 137 Pleasant street, is open during business hours every day, and is visited by the public in all matters relating to the questions of milk, provisions and animals, such as bringing samples of milk and provisions for inspection and investigation.

making inquiries and complaints on various matters; all such complaints have been cheerfully and thoroughly investigated to the perfect satisfaction of all parties interested.

"No person need be in doubt about the purity and quality of their milk supply, when a visit to this office will give all needed information and assistance. I make an annual inspection of all the cattle, sheep and swine owned within the city limits, and ascertain their condition as to the existence of contagious disease, and the general condition and cleanliness of the cattle.

"Also, I minutely examine the barns or other enclosures in which cattle are kept, with reference to their situation, cleanliness, light, ventilation and water supply, all of which I make out in a detailed report with names, etc., etc., to the Cattle Bureau of the State Board of Agriculture, which is embodied in their report to the legislature. This year I have condemned two places where cattle were being kept, and now the cattle and their abodes are in far better condition than ever before.

"I have caused to be killed during the year two glandered horses and six tuberculous cows, and proved my diagnosis by post mortem examinations. My duty is also to seize, quarantine and kill all animals suffering with contagious and infectious diseases, after a thorough and careful examination, and it has been my pleasure to strictly and impartially perform this duty to the best of my ability and the full extent of my authority, thus giving to the inhabitants of New Bedford as little danger as is possible of contracting these fatal diseases, which are carried to the human family by contagion and infection.

The number of diseased animals destroyed during the year is the smallest of any year during the past 17 years of my administration of the duties of this office, and there is no doubt that there are fewer cases of these diseases existing in this section today than ever before, owing to

the better care and improved surroundings of our animals, which has been insisted upon by the inspectors of animals.

"I have issued 277 licenses for the sale of milk at 50 cents each, which has been paid into the city treasury.

"During the year I have found but one outbreak of hog cholera. This was in a herd of 20 swine, old and young, and they all died, and were buried deep in quicklime, their houses burned, with all litter, and everything connected with them, and every precaution as to disinfection, etc., was taken; and in this connection I want to return my sincere thanks to Dr. H. B. Hamilton, who furnished me the information regarding this outbreak. He has also given me material aid, in locating cases of glanders in horses, many times before, all of which is doubly appreciated by me, as he is the only veterinary surgeon who, in 17 years, has ever given me the first iota of information or help of any kind, which in many cases without help, is very difficult to obtain.

"The slaughter of cattle for food purposes, in my mind, is a subject of the most vital importance, and I shall now state the whole *modus operandi*, without fear or favor. In the first place, the law in regard to the inspection of cattle at the time of slaughter, is left to the governments of cities and towns to decide by vote whether said inspection shall be made or not.

"The town of Dartmouth has voted not to have such inspection. There are two reasons for this; viz: it saves the town the expense of the inspector, and allows the farmers to sell their worn out cows to butchers, who have swarmed to the town of Dartmouth to carry on their business of slaughtering. These butchers scour the country from Cape Cod to Westport Point and from Barney's Joy to Middleboro, buying up cows that have passed their usefulness as dairy cows. Many of them are tuberculous. Now this is the result: All of these tuberculous carcasses are dressed and brought into the city of New Bedford

and sold for food purposes and eaten as food by our inhabitants. I have notified his honor the mayor of the existing conditions, who will, no doubt, at once relieve said conditions.

"The question of adulterating milk is well known to be too easy to detect, and that part of an inspector's work has got to be very limited, but the main, and by far the most important question is clean milk, and how to deliver it in a clean and wholesome, pure condition. I have inserted my paper upon the practical handling of milk, and by the direction of His Honor Mayor Ashley I shall make it a guide and standard, by which New Bedford's milk supply shall be furnished.

"There is nothing arbitrary about it, nothing but what everyone can understand, and, if followed out, there will be very little to complain of and much to commend.

"I shall visit all premises of those who help to furnish New Bedford's milk supply, inspect all cattle, their barns, milk utensils, etc., and cheerfully give all needed advice and directions. This I have a perfect right to do as agent of the cattle bureau of the state board of agriculture, and because it is my duty to protect the community I represent as inspector.

"In the preservation of milk, which should be the chief aim of the milkman and the housewife, it should be remembered that, with the exception of creaming, which is due to the action of gravity, all changes in milk are brought about by the action of bacteria. Milk containing no bacteria undergoes little or no change, and remains indefinitely sweet. When secreted in the udder of a healthy cow, it is doubtless in this condition, but to transfer it to a bacteria-proof vessel is no easy matter, and despite all precautions possible in every day practice, many bacteria will gain access to the milk while being drawn and in the subsequent handling of it. The best that can be done is to keep out as many as possible. Now,

in order that the milk may be as free from germs as possible, certain conditions should be observed, viz:

"The cattle should be free from disease. Hence, every herd of cows producing milk for human consumption should be inspected by a veterinarian, employing the tuberculin test to such herds as require it, and ordering the removal of all cows that react to the test, and all that have diseased udders.

"The cows should be kept as free from dust and dirt as possible, and if the hair on the flank and udder were moistened before the milking began, it would prevent particles from falling off into the milker's pail.

"The air of the stables should be kept pure and free from dust. The milkers' hands and clothes should be kept perfectly clean. The first few spoonfuls of milk from each teat should be rejected. All utensils and cans should be cleansed in the following manner: First, wash out with hot water; then with hot water and sal soda, using a brush, so as to clean thoroughly all seams and other parts of the cans; then rinse in boiling water and hang up to drain in a clean, pure atmosphere. The cooling and aerating of the milk and transferring of it to the cans should be done in an atmosphere which is as pure as possible. Having taken every precaution to keep the bacteria out of the milk, the next precautions are to prevent the multiplication of such as have invariably entered. To accomplish this, low temperature seems the most practical for the dealer. Frozen milk keeps indefinitely, as no bacteria can grow in it; but at a temperature of from 35 to 45 degrees, it keeps long enough for most purposes; this temperature can be readily obtained by the use of ice; it is important that the milk be cooled after being drawn as soon as it is possible. After cooling the cans should be kept at as low temperature as is practical until delivered to the consumer.

"Consumers cannot be too careful about their milk supply, especially if it is intended for infants and invalids; insist upon having a good quality, remembering that two things should be taken into consideration: First, the manner in which the cows and milk are treated; and second, the solid matter the latter contains. Avoid all milkmen whose wagons, teams and drivers have not a neat and tidy appearance, for no milkman who handles his milk in a cleanly manner will send out a dirty wagon or driver. If possible, visit the dairy furnishing you milk. Nothing would do more to stimulate neatness among dairy-men than the frequent visits of its patrons. Ascertain what the composition of the milk furnished is, remembering that its richness cannot always be judged by the thickness of the cream which forms upon its surface. Milk containing too high a percentage of fat is not as suitable food for children as an average milk, since the excess of fats interfere with the proper digestion of the rest of the ingredients. Furnish a thoroughly cleansed and sterilized dish for receiving the milk, and then if it sours within 15 or 18 hours, when kept free from dust and at a moderate temperature (60 to 70 degrees Fahr.), or if it becomes ropy or bitter, or sours with an offensive odor, or the formation of many gas bubbles, call the milkman's attention to the matter. All such changes are due to too many bacteria being permitted to enter the milk, owing to the careless or unclean handling of it."

Respectfully submitted,

DR. D. C. ASHLEY,

Inspector.

1905 — CITY DOCUMENT No. 17.

LIST OF JURORS.

CITY OF NEW BEDFORD.

1905.

CLERK'S OFFICE,

Feb. 23, 1905.

This certifies the following to be a correct list of persons prepared as provided by law to serve as jurors for the year 1905.

Attest:

DANIEL B. LEONARD,

City Clerk.

A

Abrams Henry S. 211 So. Second, painter
Adams Alexander H. 96 Park, printer
Adams Stephen F. 223 Maxfield, merchant
Akin Charles G. 3 Morgan terrace, merchant
Akin James, 24 High, Pairpoint
Albiston Roger W. 718 County, tailor
Allen Daniel E. 76 Shawmut av, butcher
Allen Daniel R. 171 Smith, waiter
Allen George F. 239 Arnold, retired
Alley Alfred G. Jr. 53 Chestnut, grocer
Alley Ernest V. 253 Palmer, advertising writer
Almy Norman L. 21 Morgan, retired
Almy Walter C. 2 Green, clerk
Ames Yorick W. 325 Middle, janitor
Andress Benjamin A. 408 Kempton, expressman
Andrews Thomas L. 233 Acushnet av, grocer
Andrews Wilson P. 48 So. Ash, carpenter
Anthony George W. 396 Kempton, druggist
Archambeault John B. 163 Ashland, agent
Arnett William N. 551 Kempton, clerk
Arnold Thomas S. 7 La France ct, caterer
Arnott George, 12 Margin, spinner
Arsenanlt Urbain P. 82 Nye, retired
Ashley Isaac L. 66 Spring, stablekeeper
Ashley Joshua B. Jr. 78 North, marketman
Atwood Herbert M. 49 Smith, carpenter
Atwood William W. 244 Pleasant, janitor
Auger George W. 52 Willow, bicycles
Avery James A. 97 South, retired

B

Bachelder Percy E. 27 Dartmouth, civil engineer
Backus George F. 211 Rivet, engineer
Baker Daniel W. 60 Fifth, grocer
Bancroft Julius V. 194 Pleasant, street sprinkler
Bannister John W. 194 Pleasant, merchant
Bannon James S. 11 Hyacinth, barber
Bannon John H. 11 Hyacinth, plumber
Bannon Lawrence A. 11 Hyacinth, stone cutter
Bannon William F. 11 Hyacinth, assessor
Barrows Eugene M. 662 County, paint manufacturer
Bartlett Clarence H. 450 County, clerk
Bassett Andrew H. w. s. Tobey road, butcher
Bassett Ellery R. 166 Mill, electrician
Bassett, Walter H. 185 Pleasant, manager
Bates Edwin A. 154 North, real estate
Bates James W. 106 Ashland, grocer
Bates Lot B. 492 County, grocer
Bates Orrin, 62 Hillman, confectioner
Baudoin Edouard H. 79 Bay, jeweler
Baylies Charles S. 2055 Acushnet av, clerk
Bearse Albert C. 7 Franklin, shipping clerk
Bearse Clarence A. 7 Franklin, carpenter
Beauvais Wanton H. S. 69 Fifth, retired
Begley Edward J. 124 Hillman, plumber
Belisle Joseph, 10 Thompson, carpenter
Bellenoit Emile C. 74 Locust, printer
Bellenoit Victor F. 909 County, clerk
Bennett William H. 5 Richmond, grocer
Bentley George B. 24 Mosher, top roll coverer
Bentley Samuel E. 69 County, retired

LIST OF JURORS.

5

Berthiaume E. Philip, 123 County, news depot
Besse Seth J. 58 Arnold, clerk
Bessey James A. 184 North, printer
Blackmer Herbert A. 46 So. Sixth, druggist
Blake George A. 183 Kempton, clerk
Blanchard Adelard, 23 Holly, spinner
Bliss Herbert W. 57 So. Ash, glass cutter
Bliss William, 134 Arnold, clerk
Bly Leslie A. 37 Madison, machinist
Booth Edward H. 35 Durfee, car inspector
Borden Albert E. 265 Mill, clerk
Borden Charles F. 275 County, pattern maker
Borden George B. 1285 Rockdale av, farmer
Borden Harrison T. 152½ Fair, wood and coal
Borden Thomas J. 5 Stone, machinist
Bouchard John, 834 County, barber
Boucher Joseph Zoel, 90 Austin, clerk
Bouvier Joseph A. 44 Beetle, hay and grain dealer
Bowen George H. 63 No. Second, moulder
Boyle William J. 404 No. Chancery, clerk
Bradford Edgar V. 286 Park, overseer
Bradley William E. 300 County, foreman livery stable
Braley George A. 73 Dean, belt maker
Braley Jasper W. Jr. 619 County, grocer
Braman Frederick A. 38 Foster, assistant engineer
Brawley Edward L. 68. Walden, clerk
Brennan John W. 144 Willis, foreman
Briggs Allen G. w. s. Tobey road, blacksmith
Briggs Byron A. 37 Campbell, carpenter
Briggs Charles F. 93 School, teamster
Briggs George E. 165 Fair, builder

Briggs Myron S. 89 Washington, driver
Briggs Philip S. 173 Acushnet av, salesman
Brightman Charles O. 82 Mill, contractor
Brightman George F. 677 County, master mariner
Brightman Harry C. 68 State, clerk
Brightman Harry S. 101 Allen, polisher
Broadbent William S. 610 County, steam fitter
Bromley David, 951 So. Water, grocer
Brooks Arthur T. 191 River road, machinist
Brooks John B. 191 River road, engineer
Brouillette Joseph, 164 Cedar Grove, motorman
Brown Charles H. 25 Willow, clerk
Brown James H. 212 North, machinist
Brown Oliver F. 139 Cottage, retired
Brown William L. G. 191 Cedar, florist
Brownell Charles T. 153 Mt. Pleasant. farmer
Brownell Clarence H. 354 County, clerk
Brownell Elmer W. 83 Florence, grocer
Brownell Elnathan C. 354 County, marketman
Brownell Gilbert K. 372 Reed, insurance agent
Brownell Herbert J. 133 Chestnut, clerk
Brownson George L. 1487 Acushnet av, mason
Bryant Aaron C. 721 Kempton, carpenter
Bryant Alden H. 721 Kempton, jeweler
Buchell Charles N. 197 Middle, shoe dealer
Buffinton Lynton M. 419 Kempton, clerk
Burgess George W. 68 So. Sixth, machinist
Burkle William N. 83 Washington, glass cutter
Burns Albert M. 54 Hillman, grocer
Burns Robert O. 215 Arnold, clerk
Butler Harry W. 251 Chestnut, reporter

C

Caldwell Albert F. 101 No. Ash, carpenter
Calhoun Charles S. 212 Purchase, baker
Caouette Noe, 50 Delano, loom fixer
Carleton Frank N. 130 Fourth, foreman
Carriere Joseph, 1356 Acushnet av, undertaker
Carroll Charles M. 178 Arnold, clerk
Carroll William A. 88 Liberty, carpenter
Carroll William E. 88 Liberty, carriage maker
Carter Edward H. 275 Pope, carpenter
Carter John W. 71 Cedar, porter
Case George W. T. 117 Hillman, jeweler
Case Isaac R. 625 County, clerk
Caton Manuel, 235 Fourth, machinist
Chadwick Edward E. 118 Mill, meat and provisions
Chadwick Joseph W. 103 Oak, foreman Twist Drill
Chadwick William L. 117 Mill, grocer
Champion John T. 251 Court, tailor
Charpentier Henri, 43 Linden, salesman
Chase Charles F. 24 Howard av, carpenter
Chase Walter F. 7 Ocean, ship carpenter
Chase William R. 4 Keen, insurance agent
Chausse Aldege, 234 Coffin av, grocer
Chausse Joseph, 126 Mt. Pleasant, grocer
Childs Charles D. 331 Cedar, conductor
Choquette Hipoulite, 1046 Acushnet av, barber
Christopher Charles W. 63 Chancery, painter
Churchill Benjamin J. 428 Kempton, gas fitter
Clark Frederick C. 42 Dartmouth, clerk
Clarke James, 293 Acushnet av, printer
Cleveland George H. V. D. 69 Forest, baker

Cleveland Rufus, 83 Park, baker
Clynes Thomas J. 643 Purchase, dry goods
Coit Manuel, 3 Warwick, clerk
Cole William, Jr. 196 Grinnell, treas. Co-Operative Ass'n
Coleman George, 728 Kempton, driver
Collette Ulric E. 192 Collette, blacksmith
Collins Williston H. 20 Arch, book manufacturer
Cook Clarence A. 277 Union, superintendent
Cook D. Herbert, 45 Maitland, mason
Cook Frederick B. 18 Pleasant, janitor
Cooke Frank T. 266 Fourth, baker
Coombs Charles S. 79 Mill, clerk
Cooper William E. 551 Kempton, grocer
Cornell Charles C. 34 Jenney Lind, market
Cornell Charles R. 283 County, stableman
Cornell Lester S. 283 County, clerk
Cornish Clifton H. 192 Grinnell, insurance
Corson Henry T. 643 County, druggist
Cory George A. 138 State, carpenter
Covell William P. 14 Pope, clerk
Covill Frank O. 2083 Acushnet av, clerk
Coxen Charles H. 109 Durfee, clerk
Cranston William W. 143 Washington, upholsterer
Crapo George G. 168 Shawmut av, teamster
Croacher Frank, 174 Fourth, lumber dealer
Croacher Thomas W. 51 Fifth, sash and blind maker
Crowley Timothy, 111 Cedar, machinist
Cuddy Edward C. 16 Cottage, clerk
Cummings Benjamin, 411 County, grocer
Cummings Frank A. 36 Eighth, grocer
Curry George F. 19 Columbia, carpenter

Curtis, Leonard O. 109 Newton, music teacher
Cushing Charles F. 426 Union, merchant
Cushman Harvey, 298 County, grocer

D

Dalbec Edmund, 324 Cedar Grove, conductor
Dantsizen John G. 25 Cedar, upholsterer
Darling Edgar W. Tarkiln Hill road, grocer
Darling Floyd E. e. s. Tobey road, clerk
Darling Franklin M. w. s. Tobey road, clerk
Davenport Augustus M. 571 Elm, painter
Davenport Louis A. 10 Florence, painter
Davis Charles E. 17 Chestnut, machinist
Davis Edward G. 195 Shawmut av, florist
Davis Henry V. 1 Ocean, foreman
Davis Herbert E. 135 Locust, motorneer
Dawe Frederick C. 907 County, machinist
Deacon William, 417 Union, plumber
Dean A. Herbert, 217 Middle, clerk
Dean George F. 15 Borden, clerk
Dehn George R. 23 Linden, baker
Delano Charles H. 14 Myrtle, machinist
Delano George H. 443 Cottage, conductor
Denault Aldede, 313 Austin, contractor
Desautels Stanislaus Jr. 1918 Acushnet av, grocer
Desjardins Ancline, 35 Independent, carder
Deslandes Wilfred, 52 Hall, sub. letter carrier
Desmond Joseph C. 181 Summer, clerk
DeWolf Alfred W. 109 Elm, hardware dealer
Dexter Arthur A. 56 Campbell, druggist
Dexter Howard N. 56 Campbell, shoemaker

Dion Harmidas P. 240 State, baker
Dion Jean B. 78 Mt. Pleasant, merchant
Dion Oliver, 172 Rivet, wheelwright
Dionne J. Ernest, 346 Sawyer, painter
Dodge George J. 43 Mill, cabinet maker
Dohoney Daniel J. 285 Middle, clerk
Donaghy Thomas Jr. 99 Acushnet av, clerk
Douglass Frank M. 18 Cedar, druggist
Dow William A. 170 Chancery, shipping clerk
Doyle Andrew P. 6 Thompson, shoemaker
Doyle Patrick J. 144 State, mill operative
Drake Albert B. 121 Cottage, civil engineer
Drake Charles E. 160 William, civil engineer
Driscoll Daniel F. 37 Linden, real estate
Driscoll Michael E. 37 Linden, clerk
Dudgeon Samuel, 119 Hillman, merchant
Duffy John B. 224 Arnold, grocer
Dumaine Arthur, McGurk st. near Cove, wood dealer
Dunham Frederick C. 82 Dean, silver plater
Dunham John A. 119 Court, insurance agent
Dunham Zaccheus C. 36 Madison, collector

E

Easton Charles F. Jr. 555 Kempton, barber
Eddy George M. 8 Maple, retired
Egain John, 25 Crapo, merchant
Eggers George A. 72 So. Chancery, gunsmith
Eldridge Frederick E. 295 Park, clerk
Ellison Henry W. 56 So. Emerson, merchant
Emery John C. 57 Bedford, Twist Drill
Ennis Charles T. 114 Fourth, clerk
Ennis John H. 17 Maitland, painter
Estes Andrew L. 115 Campbell, carpenter

F

Fahey John B. 126 Bullard, grocer
Fairchild Thomas H. 53 Fifth, druggist
Faisneau George E. Jr. 184 Court, clerk
Farand Jean, 80 Beetle, salesman
Faunce Charles L. 13 Pope, carpenter
Ferguson James, 49 State, shoemaker
Field Edward H. 286 Pleasant, janitor
Field Lynn A. 2 Foster, printer
Fish Andrew J. 279 Palmer, tailor
Fisher Arthur F. 105 Tremont, harness maker
Fisher Sidney S. 6 Franklin, motorman
Fitch Horace A. Mansion House, electrician
Foley William F. 1017 Purchase, spinner
Folger Charles E. 61 Hillman, bookkeeper
Fontaine Andre D. 70 Acushnet av, clerk
Ford N. Ernest, 67 Willis, clerk
Foster Henry S. 22 Robeson, machinist
Fowler William, 4 Mt. Vernon, assistant supt.
Frechette Hormidas, 1004 Acushnet av, grocer
Fredette Louis N. 8 Acushnet av, clerk
Fregeau John, 63 Hicks, coal and wood

G

Gammage William F. 157 Middle, teamster
Gardner Oliver H. 48 North, carpenter
Gauthier D. Harmidas, 43 Linden, grocer
Gay George F. 29 Rounds, carpenter
Gay Harry M. 115 Chancery, carpenter
Geils Charles H. 76 Thomas, reporter
Geils Gerrett Jr. 47 Chestnut, shoemaker

Gibson Samuel S. w. s. Tobey road, mason
Gifford Abram, 355 Court, carpenter
Gifford Edward W. 78 Durfee, clerk
Gifford Pardon B. 101 Morgan, reporter
Gifford Timothy M. 44 State, clerk
Gillick Lawrence, 7 Sisson, carpenter
Goff George A. 157 Emerson, carpenter
Gonneville Louis A. 226 State, clerk
Gooding Robert A. 177 Cedar, carpenter
Goodwin Albert, 180 Middle, janitor
Gorham Robert S. 79 Morgan, clerk
Gray Bertram, 248 Arnold, glass cutter
Gray Henry A. 10 So. Emerson, musician
Greene Matthew L. 22 North, machinist
Greer John, 148 Rotch, overseer
Gregoire Jean Bte. 40 Independent, hardware
Grinnell Charles H. w. s. Tobey road, clerk
Grow Charles F. 82 Morgan, insurance agent
Gurl Henry J. 1643 Acushnet av, plumber
Gurney Franklin J. e. s. Tobey road, farmer

H

Habicht Frank A. 28 Cottage, printer
Hambly Byron B. 81 Park, machinist
Hamel William D. 119 Tallman, plumber
Hammond John N. Tobey road, w. side, carpenter
Hand William H. Jr. 464 County, yacht designer
Handford Joseph H. 274 Sawyer, mule spinner
Handy Leon S. 225 Grinnell, printer
Hardy Charles E. 325 Kempton, clerk
Harlow Michael F. 363 Coggeshall, loom fixer

Harrison Samuel, 108 Division, shoe dealer
Haskell Edward S. 84 Court, florist
Haskins Elmore P. 95 Chestnut, carpenter
Haskins Herbert K. 87 Chestnut, carpenter
Hatch George C. Jr. 172 Page, clerk
Hatch Roland A. 24 High, carpenter
Hathaway Charles R. 18 Campbell, clerk
Hathaway Franklin B. 570 Elm, building mover
Hathaway Henry W. Hathaway road, farmer
Hathaway James L. 72 Willis, bookkeeper
Hathaway Jethro H. 498 Cottage, carpenter
Hathaway John W. Hathaway road, farmer
Hathaway Merton L. 251 Hawthorn, clerk
Hathaway Thomas S. 385 County, merchant
Hathaway William E. 411 Cedar, hay and grain dealer
Hawes Frederick B. Tobey road, bookkeeper
Hawes William C. 73 Borden, banker
Hayden William H. 7 Jenney, clerk
Hazard Alton L. 59 Hill, carriage painter
Headley Phineas Camp Jr. 5 Lincoln, cotton broker
Healey Edward H. 235 Park, clerk
Healy Thomas F. 1680 Acushnet av, assessor
Henderson Adam C. 484 Mill, printer
Herity Patrick R. 108 Blackmer, grocer
Herlihy Patrick, 54 Washburn, stone cutter
Higgins Edward O. 1267 Rockdale av, plumber
Higham Hiram Jr. 110 Merrimac, overseer
Hillman Frederick G. 63 Hillman, clerk
Hindle William T. 279 Pleasant, clerk
Holt James W. 307 Coggeshall, steamship agent
Hook Gilman E. 21 Columbia, contractor
Hough George A. 85 Campbell, editor

Howland Edgar F. 74 Forest, spar maker
Howland Ellis L. 64 Borden, reporter
Howland Ezra, 284 Union, farmer
Howland George, 284 Union, farmer
Howland Henry, 280 Pleasant, merchant
Howland Paul Jr. 91 State, engraver
Hoxie Frank C. 155 Washington, pattern maker
Huggins Leon M. 56 No. Sixth, reporter
Humphrey Harry J. 455 Mill, clerk
Humphrey Horace L. 11 Round, clerk
Hunt Josiah, 198 Grinnell, treasurer
Hunt Ramond Z. 143 North, operative
Hunt Samuel C. 147 Maxfield, architect
Hurley Cornelius F. 232 Sawyer, roofer

J

Jackson George, s. s. Perry, mason
James Clarence H. 181 Fourth, accountant
James Herbert L. 1130 Rockdale av, carpenter
Jarry Dominique, 107 Bowditch, baker
Jean Louis, 65 Merrimac, clerk
Jenney Charles C. 37 Bay, machinist
Jenney Harry C. 17 Campbell, superintendent
Jenney William T. 170 Grinnell, accountant
Jennings Clark H. 357 Reed, driver
Jennings Harrie B. 358 Reed, bookkeeper
Jennings William Edward, 17 Bay, clerk
Jennison Charles J. 467 Acushnet av, pattern maker
Jewett William N. 216 Grinnell, merchant

K

Kane James W. 530 Cottage, foreman
Kean Charles H. 135 Locust, electrician
Keen Charles F. 79 Locust, carpenter
Keen Leonard Jr. 39 Parker, carpenter
Keene William P. 150 Merrimac, drug clerk
Kelleher Daniel, 300 Purchase, bomb lance manufacturer
Kelleher Daniel J. 433 Purchase, printer
Kelley John T. 256 Fourth, solderer
Kelley L. Aubert, 253 Acushnet av, pressman
Kelley William E. 158 Grinnell, bookkeeper
Kern William E. Jr. 27 Dartmouth, clerk
Kilburn Frank J. 264 County, machinist
Kilburn James F. 166 Grinnell, machinist
King Benjamin F. 690 Cottage, conductor
King Burgess T. 585 Elm, carriage maker
King Isaiah, 67 No. Ash, jobber
Kingman Gilbert D. 147 Cottage, retired
Kirby Frank R. 150 Cottage, merchant
Kirby William P. 92 Washington, machinist
Kirk John F. 94 State, grain business
Knowles Thomas P. 400 Pleasant, plumber
Knowles John W. 88 Orchard, superintendent
Knox William J. 183 Campbell, clerk

L

Lacroix Edward, 1098 Acushnet av, hardware
Lacroix Pierre, 184 Belleville av, grocer
Lafrance Philias, 825 County, clerk
Lagasse Adolph P. 191 Rivet, undertaker
Lamb William G. 406 Union, janitor

Lamoureux Gaspard, 311 Coggeshall, apothecary
Langlois Joseph, 429 No. Front, grocer
Langshaw Walter H. 152 Cottage, superintendent
Lapham Leonard C. 48 Walnut, clerk
Lapointe Joseph O. 30 Thompson, clerk
Lawrence George W. e. s. Tobey rd. mason
Leach William W. 163 Maxfield, clerk
Leary Dennis Jr. 278 Austin, blacksmith
LeBaron Alonzo T. 46 Hill, eyelet maker
Lebeau Prudent, 1005 Acushnet av, manager
Lebeau Theophile, 154 Phillips av, contractor
Leblanc Charles A. 31 Beetle, shoes
Lees Albert, 53 Woodlawn av, electrician
Lees Sidney, 29 Social, overseer
Levielle Alfred, 77 Linden, pool
Lewin Charles, 247 Cedar Grove, loom fixer
L'Homme Armidas, 245 State, conductor
Lincoln Arthur F. 286 Pleasant, conductor
Linton Frank I. 107 Maxfield, carriage maker
Louis Thomas W. 228 North, barber
Lowe Abner D. 132 Mill, shoemaker
Lowe Samuel J. 86 Kempton, shoemaker
Lowe Samuel J. 74 Chancery, gardener
Lucas Everett A. 196 Earle, carpenter
Luce Thomas E. 144 Campbell, grocer
Luce Thomas R. 195 Arnold, machinist
Luce William T. Jr. 427 Mill, grocer
Luscomb Frederick W. 101 Maxfield, machinist
Lyons Thomas H. 63 Robeson, driver

M

MacBride Robert, 11 Austin ct, watchman
MacKay William T. 173 Washington, machinist
Macklin Joseph, 319 Belleville av, weaver
Macomber George P. 774 County, copper works
Macy Arthur W. 161 Grinnell, jeweler
Macy Thomas W. 10 Allen, bookkeeper
Magnant Magloire, 34 Bowditch, spinner
Mahon George W. 115 Reynolds, car conductor
Mahoney Edward T. 108 Mt. Pleasant, druggist
Mahoney James H. 108 Mt. Pleasant, plumber
Maine Henry M. 36 North, carpet cleaner
Manchester James H. 690 Kempton, clerk
Manseau John D. 30 Durfee, clerk
Marchessault Eugene, 293 No. Front, clerk
Martin Edward H. 201 Pleasant, proof reader
Mason John L. G. 53 North, mason
Matthe David, 225 State, stable keeper
Maxfield Charles T. 49 Mechanics lane, printer
McAfee John K. 63 Fifth, fruit dealer
McAuliffe Dennis J. 17 Bonney, janitor
McBride John E. 237 Acushnet av, printer
McCarty Mortimer, 27 Clark, teamer
McCullough John Jr. 38 So. Sixth, merchant
McDonald Hugh J. 195 So. Second, carriagesmith
McFarlin Albert C. 71 Spruce, driver
McGuinness John F. 3 Mt. Vernon, milliner
Meaney John J. 25 Crapo, carpenter
Mendell Benjamin W. 84 Parker, carpenter
Merrill Converse, 55 Chestnut, telegraph operator
Merritt George H. Plainville road, farmer

Metcalf Frank M. 64 Foster, Civil engineer
Milliken Lewis E. 73 Hillman, grocer
Mills William J. 809 County, ins. agent
Monroe Frederick S. 474 Kempton, stenographer
Moore John P. 427 Pleasant, driver
Moorehouse James, 241 Coffin av, no occupation
Morrison Thomas, 79 Forest, watchman
Morse Willard H. 271 Pleasant, dry goods
Mosher Charles A. 202 Rockland, carpenter
Mosher Charles H. 1372 Rockdale av, ice dealer
Mosher Frank T. 216 Rockland, carpenter
Moulton Augustus G. 56 Hill, bookkeeper
Munroe Robert C. r. 367 Kempton, plumber
Murphy Dennis E. 24 Katherine, spinner
Murphy Edward M. 834 County, clerk
Murray James T. 319 Park, adv. writer
Muspratt John, 87 So. Sixth, retired
Myrick Walter R. 13 Eighth, clerk

N

Neal George A. 51 Cottage, shoe dealer
Nichols Andrew F. 39 Bullock, shoe cutter
Nofftz Richard, 969 Kempton, florist
Nolin Pierre, 190 Davis, carpenter
Norcross John C. 345 Reed, mason
Normandin Joseph E. 10 Cornell pl. grocer
Norton Thomas J. 52 Locust, foreman
Nuttall James H. 82 Morgan, druggist
Nye George E. 359 County, machinist
Nye Pemberton H. 709 County, merchant

O

O'Brien John N. 103 Robeson, wood and coal
Oesting F. William, 689 County, real estate
Offley John R. 289 Hillman, barber
Oman Charles E. 14 Allen, third hand
Omerod James, 1039 County; shoemaker
O'Neil William H. 34 Emerson, salesman
O'Neill William H. 57 Locust, clerk
O'Rourke William H. 60 Bay, asst. superintendent
Osgood Edward A. 755 Kempton, clerk
Ostigny Pierre N. 83 Rivet, salesman
Owen Alfred, 89 Fruit, grocer

P

Paige Maurice W. 9 Mill road, salesman
Paine Alvin H. 55 Hill, eyelet maker
Paine Olin S. 87 State, clerk
Parsons Thomas L. 131 Elm, retired
Paul John W. 71 Morgan, insurance agent
Paulding John I. 4 Smith, salesman
Peckham Frank B. 117 Court, fish dealer
Peckham Frank H. 26 Elm, teamster
Peckham Reuben B. lane off Tobey road, mason
Peirce Leland C. 61 Hillman, clerk
Pell Walter D. 102 Parker, janitor
Perkins John A. 68 Spruce, roofer
Perra Jean Baptiste, 86 Nye, steam fitter
Perry Henry C. 671 County, grocer
Plummer Charles W. 163 Hawthorn, merchant
Plummer Leander A. Jr. 148 Hawthorn, artist
Poisson Gedeon, 909 So. Water, merchant

Poisson Ludger, 93 Mt. Pleasant, merchant
Pollock Frederick O. 171 Mill, janitor
Pool Arthur T. Plainville road, teamster
Pool Willard G. 232 Shawmut av, carpenter
Pope Abner P. 63 Thomas, carpenter
Potter Charles W. H. 209 Summer, carpenter
Potter Edwin L. 60 Dartmouth, grocer
Potter Frederick S. 143 Hawthorn, broker
Potter Stephen R. 91 Court, clerk
Poulin Albert F. 78 Nye, carpenter
Prevost Moise D. 161 County, newspaper manager
Priaulx Peter, 177 Arnold, gardener
Price Charles H. 16 Arnold Place, treas. N. B. Gas &
Edison Electric Light Co.
Purrington John G. 182 Arnold, drill maker

R

Racicot Eli, 101 Bullard, cigar manufacturer
Raphael William S. 16 Richmond, clerk
Reed Edmund A. 23 Cottage, clerk
Reed Frank, 71 Atlantic, laborer
Reed Leander, 35 Bay, grocer
Reed William H. 244 Arnold, cooper
Remington Emerald A. 87 Ashland, painter
Rexford George P. 68 School, machinist
Reynolds Alonzo F. 243 Chestnut, carpenter
Reynolds Edward G. 210 Pleasant, livery stable
Reynolds George H. 80 Atlantic, clerk
Reynolds William D. 178 North, salesman
Ricard Alphonse, 79 Holly, carpenter
Rice Arthur W. 595 Union, clerk

Rice Damon W. 174 Washington, clerk
Rice Hallet L. Maxfield and Park, eyelet maker
Richards George D. 14 So. Sixth, house furnishings
Ricketson Levi, 366 Orchard, yachtsman
Ricketson Orion, 146 State, plumber
Riley John S. 162 Chancery, rope maker
Riley Peter J. 109 Austin, boots and shoes
Robbins Charles B. 626 County, clerk
Robenolt Edward S. 23 Sycamore, janitor
Robinson Anthony, 239 Fourth, cigar manufacturer
Robinson William A. Jr. 84 Hawthorn, clerk
Rockefeller James B. 6 Keen, printer
Rooney John P. rear 93 Bedford, gardener
Roy Alfred, 464 County, broker
Roy Arthur, 159 Coggeshall, teamer
Ruggles John A. Jr. 78 Chestnut, merchant
Russell Charles D. 17 Columbia, salesman
Russell John A. w. s. Tobey road, farmer
Russell Pardon Jr. 1107 Rockdale av, ice dealer
Ryan John J. 4 Linden ct, mason

S

Sadler George H. 22 Borden, foreman
Sadler Walter E. 580 Kempton, carriage trimmer
Salley George E. 257 Palmer, printer
Saltus George H. 662 Kempton, cigar maker
Sanders Henry V. 224 Pleasant, real estate agent
Sargent William A. 169 Ashland, motorman
Savage John, 688 Purchase, confectionery
Saxon George E. 628 Purchase, Justice of the Peace
Schuler Jacques, 33 Sycamore, shoe dealer

Searles Mortimer, 96 Washington, rubber stamps
Senesac Hugh, 290 Fourth, grocer
Senna Antone H. 59 Allen, interpreter
Serpa Charles A. 16 Fifth, clerk
Sevigny Wilfred, 124 Bellville av, lineman
Shaw Elmer H. 25 Fifth, variety store
Sherman Albert C. 155 William, stable keeper
Sherman Clarence R. 248 County, carpenter
Sherman Frederick W. 62 Bedford, printer
Sherman John D. 37 Vine, janitor
Shurtleff Israel H. 252 County, druggist
Sisson William H. A. 308 County, decorator
Silva Antonio Gomez, 288 Acushnet av, barber
Slocum Francis R. 254 Hawthorn, furniture dealer
Smith Abbott P. 25 Seventh, real estate
Smith George, 299 Brock av, mill overseer
Smith George T. 107 Cedar, gas fitter
Smith Henry W. 27 Seventh, photographer
Smith Hoyland, 229 Acushnet av, bicycle dealer
Smith James, 9 Valentine, spinner
Smith Nathaniel C. 112 Mill, architect
Smith Shubael D. Jr. 81 Mill, clerk
Smith William E. 29 Arch, dye house
Snell William G. 281 Park, foreman
Snell William L. 105 Bonney, collector
Sowle Frederick L. 26 Sycamore, hardware
Spencer Samuel R. 156 Sycamore, printer
Spooner Albert F. e. s. Tobey road, carpenter
Spooner Daniel A. w. s. Tobey road, farmer
Spooner Edward F. 682 Kempton, ice dealer
Spooner James L. w. s. Tobey road, farmer

Spooner John A. 2d, e. s. Tobey road, carpenter
Stafford George B. 58 Shawmut av, grocer
Stetson James A. 7 Anthony, civil engineer
Stevens Henry A. 1195 Rockdale av, painter
Stevenson Thomas, 223 Acushnet av, glass cutter
Stirritt John H. 104 No. Ash, tinsmith
Stowell Alexander T. 814 Rockdale av, shoemaker
Stowell Benjamin I. 586 Elm, teamster
Stowell Frederick A. 6 Summit, ice dealer
Studley Alfred G. 197 Middle, bookkeeper
Sulis Charles E. 193 Elm, barber
Sullivan Daniel F. 8 So. Ash, foreman
Sullivan Timothy J. 56 Linden, spinner
Swanton John D. 105 Hillman, shoemaker
Swift Anderson H. 74 South, carriage trimmer
Swift Edward B. 38 Willis, clerk
Swift Jireh Jr. 1 Clinton, merchant
Swift LeRoy W. 53 Cottage, bookkeeper
Swift Thatcher S. 118 So. Sixth, livery stable
Sylvester Robert R. 342 Acushnet av, shoe dealer
Sylvia John Swift, 103 Chestnut, shoemaker

T

Taber Arthur K. 101 Hillman, clerk
Taber Edward C. 2030 Acushnet av, grocer
Taber Henry G. 201 Park, machinist
Taber Phillip A. 170 Chancery, gardener
Taber Robert W. 48 Fifth, bookseller
Taylor George S. 552 Mt. Pleasant, loom fixer
Teachman George E. lane off Hathaway road, mason
Thompson James O. Jr. 223 Summer, supt.

Thompson James W. 36 Dartmouth, engineer
Thompson Thomas, 136 No. Second, marble worker
Tilton Albert A. 1187 Rockdale av, carpenter
Tilton Charles C. 396 Purchase, bookkeeper
Tinkham David W. 433 Acushnet av, moulder
Tinkham James T. 473 Cottage, contractor
Tobey Warren P. 39 Locust, publisher
Toomey Dennis H. rear 36 Linden, clerk
Topham William B. 15 Elm, accountant
Tourtellot William E. 65 Walden, printer
Tripp Augustus C. 80 Ashland, grocer
Tripp Benjamin C. 158 Arnold, carpenter
Tripp Eliphalet A. 62 Shawmut av, agent
Tripp Everett C. 62 Shawmut av, clerk
Tripp Frank G. 82 State, laundry
Tripp Jabez D. 95 High, teamster
Therien Joseph N. 1 Weld, apothecary
Tripp Myron E. 527 Cottage, machinist
Tripp Thomas B. 413 County, real estate agent
Tuell Frank P. P. 154 Grinnell, laborer

U

Underwood Arthur P. 48 Mill, clerk

V

Vaughan Harry C. 23 Borden, real estate
Vaughan Weston C. Jr. 323 Purchase, undertaker
Vigneault Stanislaus, 93 Bullard, clothier
Villeneuve Arthur A. 1324 Acushnet av, druggist
Vincent Herbert M. 135 Acushnet av, machinist

W

Wade Bernard C. 83 Willis, clerk
Waldron John, 36 Mosher, agent
Warren David, 255 State, livery stable
Warren Joseph C. 174 Cove, carpenter
Washburn Francis P. w. s. Tobey road, carpenter
Washburn Fred C. 190 Pleasant, carpenter
Washburn George E. w. s. Tobey road, mechanic
Waterman William H. 9 Arch, retired
Watson Charles, 765 Kempton, druggist
Webb Hezekiah, 122 High, porter
Webber Archie C. 564 Elm, clerk
Weeden Fred M. 117 Willis, merchant
Welch Albert C. 69 Sycamore, salesman
Wheaton Ernest A. 424 Union, retired
Wheaton Walter F. 64 Mill, publisher
Whittaker Benjamin, 254 Chestnut, electrician
Wicks Rodolphus D. 23 Jenny Lind, retired
Wilcox Frank S. 53 So. Sixth, broker
Wilde Cyrus, 181 Shawmut av, mule spinner
Williams Manuel A. 254 Fourth, grocer
Wilson Daniel W. 43 Foster, retired
Wilson Thomas J. 135 Arnold, clerk
Wing Charles F. 37 So. Sixth, merchant
Wing Charles H. 350 Cottage, agent
Winn Patrick J. 585 Acushnet av, painter
Wood Francis T. 18 Bedford, shoemaker
Wood George R. 13 Arch, lumber dealer
Wood William B. 2 Popes Island, merchant
Wood William H. 408 County, merchant
Woodward Francis, 352 Union, cotton broker

Woolfenden John, 90 Dean, jeweller

Woolfenden Robert, 399 Pleasant, clerk

Wordell B. Franklin, 59 Sycamore, tobacconist

Y

York William, 888 Rockdale av, clerk

Young George R. 63 No. Second, clerk

1905 — CITY DOCUMENT — No. 18.

CITY OF NEW BEDFORD,
MASSACHUSETTS.

REPORT ON EXAMINATION
OF THE ACCOUNTS
OF THE CITY

FOR THE SEVEN FISCAL YEARS
ENDING DECEMBER 7, 1903.

EASTERN AUDIT COMPANY,
BOSTON, MASS.

NEW BEDFORD:
THE A. E. COFFIN PRESS, CITY PRINTERS
1905.

Report of Examination.

*To the Honorable Charles S. Ashley, Mayor of the
City of New Bedford, Massachusetts:*

SIR:— In accordance with instructions received from a Joint Special Committee of the City Council, we have made an examination of the books, accounts and vouchers of the City of New Bedford for the seven fiscal years ending Dec. 7, 1903, for the purpose of “determining the accuracy of the accounts, and whether any money has been unlawfully expended.”

We submit, herewith, a memorandum setting forth the scope of our examination, explanations of the statements, and our comments on the condition and arrangement of the accounts as they have been kept by the City.

We also submit balance sheets and statements of receipts and disbursements for the seven fiscal years ending Dec. 7, 1903, together with statements of various other matters covered by our examination, all of which are listed on pages 17 and 18 of this report.

A change was made in the fiscal year of the City in 1897, and the accounts of the year ending Dec. 6, 1897, include the transactions of only between ten and eleven months.

In order to verify the cash in the hands of the Treasurer as at Dec. 7, 1903, we made an examination of the receipts and disbursements from that date to Dec. 20,

1904. The funds in the hands of the Treasurer at that date were found to be the amount that should have been in his possession in accordance with the Auditor's books. Various errors were, however, developed by our examination, which resulted in increasing by \$744.94 the amount which was shown by the books.

These discrepancies appear to result entirely from unintentional clerical errors, and the details are set forth on Schedule F-I. The Treasurer has taken up on his books, as of January, 1905, entries making the proper corrections.

As such matters are not only outside of the province of accounts, but also beyond the scope of our instructions, we have not attempted to pass in any way on the wisdom or desirability of any of the disbursements, but have confined ourselves to seeing that they were all properly authorized by the City Council.

We hereby certify:—

1. That subject to the above qualifications, all funds shown to have been received by the Treasurer have been accounted for; and that we have found all his disbursements supported by proper vouchers, authorized by the proper city officials—except an amount of \$531.06 in the year 1897, for which vouchers were not on file. We have, however, satisfied ourselves that these disbursements were properly made.
2. That the balance of cash on Dec, 7, 1903, as shown by the books of the Auditor, amounting to \$126,880.66, was in the possession of the Treasurer as of that date; but, as stated in the foregoing, an additional sum of \$744.94 should have been shown by the books, and consequently should have been on hand at that date. The Treasurer also had on hand additional funds sufficient to

meet the amount of all approved vouchers credited to him on the books of the Auditor, but not actually paid at that date.

3. That all funds shown to have been received by the Commissioners of the Sinking Funds have been accounted for; and that the securities and cash on Dec. 7, 1903, as shown by their books, amounting to \$1,066,137.37, were on hand as of that date.

Very respectfully,

EASTERN AUDIT COMPANY.

By C. R. ROCKWELL, Manager.

SCOPE OF EXAMINATION.

Our examination of the accounts has covered not only the finding of proper vouchers for the disbursements, but also the verification—as far as possible—of the entry on the books of the Treasurer of all funds which should have been received by him.

During the seven years covered by our examination the Treasurer has disbursed about twenty millions of dollars. With the exception of a few small amounts in the year 1897, we have found vouchers for the whole of this sum.

Each voucher has been examined not only for the receipt of the payee, but also to see that it had been approved for payment by the proper authority.

With the exception of vouchers covering payment of wages to day laborers (from whom no receipts were taken), substantially all vouchers were properly receipted.

Certified copies of all orders passed by the City Council, making general or special appropriations, have been examined for the purpose of ascertaining the amount of expense authorized; and other records were examined to determine who were the proper officials to approve the vouchers for the various disbursements. With a few exceptions, we have found all vouchers approved by the proper parties, and we have seen that the approvals were based on the authority of the City Council. In cases in which the approvals were either irregular or missing, the disbursements appear to be proper and ordinary expenses.

The vouchers for the disbursements of the Water Board are kept by that department, and the payments appear in the books of the Auditor in totals only. We have found vouchers properly receipted and approved, covering all disbursements of the Water Department shown on the Auditor's books.

We have examined the vouchers, covering disbursements from the income of trust funds, made by the School Committee and by the Trustees of the Free Public Library. The vouchers and schedules submitted by the School Committee are in order, but the form of schedule prescribed by the ordinances has not been used by the Library Trustees.

We have verified the amounts shown by the Treasurer as having been received from taxes, by the examination of the tax ledgers; and have shown on the balance sheet of each year the amount of taxes remaining uncollected.

The Treasurer's receipts from licenses, and from other collections of various kinds, have been verified by comparison with the records of the License Commission, Street Department, Cemetery Department, Department of Wharves, Poor Department, School Department, City Clerk, District Court, and other sources of information.

The receipts of the Treasurer from the Water Department have been checked with the records of that

department, and we have seen that the Treasurer has charged himself with all collections shown by the Water Department books.

We have seen that the proper amount of income from trust funds has been carried to the credit of the various accounts, in accordance with the terms of the several bequests. In the case of the cemetery funds the income from each lot-holder's deposit is carried to the credit of his individual account in the cemetery ledgers, and not on the Auditor's books, where the liability of the City for interest accrued on cemetery funds held as cash in treasury is not shown.

EXPLANATION AND COMMENTS.

The accounts of the City are kept on the same system that has been in use for many years, and while it may have been sufficient for the needs of the City at the time it was introduced, it is entirely inadequate to record properly the transactions of a city of the present size of New Bedford.

Considering the character of some of the methods, and the almost total absence of internal checks, the accounts are remarkably free from clerical errors.

We call attention to certain defects of the accounting system, not for the purpose of criticising the work of the city officers, but to point out the fundamental objection to the system, viz., that the books do not furnish the information necessary for a statement of the actual assets and liabilities of the City at any time, or of its true income and expenses.

Up to a few years ago the accounts of all cities in this country were kept on practically the system in use in New Bedford, and even now there are comparatively few municipalities which have adopted modern methods.

In 1894 the National Municipal League was organized, having for its object, among other things, "to promote the thorough investigation and discussion of the conditions and details of civic administration." Under the auspices of this organization, a great deal of attention has been given to the subject of municipal accounts by city officials and by public accountants, and a system of "Uniform Accounting" has been devised, which has been adopted by law in all cities in the State of Ohio, and by a number of large cities in other parts of the country.

As far as the circumstances would permit, we have stated the results of our examination in accordance with the forms of the Municipal League.

ASSETS AND LIABILITIES.

In common with most cities, the appropriations made by the Council for the various municipal purposes form the basis of the whole system of the accounts of the City of New Bedford. It is, of course, necessary to have a record of what has been appropriated, and of the amounts expended out of these appropriations, but it is impossible to record in a proper way the transactions affecting the actual assets and liabilities of the City under a system which makes the fictitious liability of "appropriations" the basis of the accounts.

The total tax levy for any given year, as made up by the Assessors, is never taken up on the books, but only the amount of the taxes which has been appropriated by the City Council.

The Council appropriates the part of the tax levy which it is estimated will certainly be collected, and this amount is charged to "General Appropriation Account" and credited to the various departments for which the appropriations have been made.

As the taxes are collected they are credited to general appropriation account, and the disbursements of the various departments are charged to the appropriation of these departments as the money is spent.

This method of treating the accounts has the undesirable result that when the Treasurer has collected the amount of the tax levy for any year which has been charged to general appropriation account, the books show no taxes remaining unpaid, although there is always a large sum which has neither been collected nor abated by order of the Assessors.

The trial balance of the City Auditor — which is the only statement of the assets and liabilities of the City — shows on the credit side, among the liabilities, various items representing the balances of appropriations which had not been disbursed at the date of the closing of the books.

Although these balances are shown among the liabilities, they do not represent debts, or mean that the particular amount which they represent has been set aside as available for the purposes for which the appropriations were made. There is a radical difference between a trust fund, or other similar obligation of the City, and an unexpended balance of an appropriation, which represents merely an intention on the part of the Council to spend a certain amount for a particular purpose, and which can be reversed at its pleasure.

The Auditor's trial balance shows an item of "Public Property," but this balance does not include the amounts expended on buildings, schoolhouses, etc., in process of construction, nor any value for the cost of sewers, street paving, sidewalks, and other similar improvements, whether in process or completed. When buildings or other visible assets of the City are completed, they are included in the list of "Public Property," and their value — as appraised by a committee of the City Council — is taken up on the books, but the value of sewers, street

paving, etc., is never shown on the books among the assets of the City.

In the balance sheet submitted herewith we have omitted from the liabilities of the City all unexpended appropriations, and have shown as assets the uncollected taxes and the cost of buildings, etc., in course of construction.

We believe that it is the best practice to show among the assets at least a part of the cost of sewers, paving, and other similar improvements, but there was no data available from which to make up such a statement, and we have accordingly been unable to show a value for permanent improvements of that nature.

RECEIPTS AND DISBURSEMENTS.

Again following the ordinary municipal practice, the accounts of the City record simply the amount of money which actually came into the possession of the Treasurer, and the amount of the disbursements approved for payment by the Council during any given period.

Outside of municipal accounting, it is universally conceded that the income and expenses properly belonging to each period should be shown — whether the money has actually been received and disbursed or not. Within the last few years some of the more advanced municipalities have applied this principle to their accounts, and we believe that the desirability of this treatment will eventually be universally recognized.

The receipts of any given year, which are shown in the accounts of the City, include a large amount of taxes and various other items of income properly belonging to preceding years, as well as funds received from the sale of bonds and from temporary loans.

The disbursements include expenses belonging to prior periods, and omit all expenses of the year in question which have not actually been approved for payment at the date of the closing of the books for that year. They also include payments made for the cost of public improvements and buildings — the funds for which are provided from the sale of bonds, and not from the ordinary revenues of the City.

There are no records giving the amount of the expenses for any given year which had not been approved for payment at the date of the closing of the books, and we have therefore been unable to show this liability on the balance sheet submitted.

In attempting to state the receipts and disbursements in accordance with the forms of the Municipal League, we have found that in many cases the classifications shown on the books do not permit of a division of the various disbursements in the detail set forth on these forms. We have, however, shown those headings which seem to be desirable for use in the accounts of the City, even though no amounts are shown against them.

OTHER ACCOUNTING METHODS.

In addition to what we believe to be the undesirable features of the general system on which the accounts are kept, there are other features which might be improved without any change in the theory of the accounts.

One of the chief functions of the Auditor's Department should be to act as a check on the transactions of the Treasurer's office; but this feature is almost entirely lacking in New Bedford. The Auditor charges to the Treasurer the amounts actually received by him, as shown by his statements, but he credits the Treasurer

with all payments which have been authorized by the City Council — without any reference to whether the money has or has not been actually disbursed. The result is that the Treasurer always has on hand considerably more money than the Auditor's books show should be in his possession.

The Assessors make a sworn statement each year, in the Tax Ledger, that "the foregoing, amounting to \$0,000,000.00, is a true list of all taxes receivable by the City." In each year examined by us the footings of the accounts themselves show an amount different from the sum so stated. This is probably due to errors of the Assessors' Department in recording the list of taxes on the Tax Ledger.

No record is made on the city books of the collection of State and County taxes, or of the payment of these amounts to the proper authorities — the record of these transactions being carried on loose memorandum sheets.

SINKING FUNDS.

The securities in the sinking fund are stated in the books of the Commissioners at their par value. Premiums and discounts on bonds purchased are charged and credited respectively to a premium account, and at the close of the year the balance in this account is transferred to interest account.

The amount of the appropriation for sinking fund requirements, made yearly from the tax levy, is entered on the books of the Sinking Fund Commissioners as a cash receipt, and the various fund accounts are credited with their respective proportions. The total of the appropriation has, however, not always been actually paid to the Commissioners. In certain years disburse-

ments have been made from the general treasury for account of the Sinking Fund Commissioners, and these payments have been deducted from the amount due the Commissioners in the final adjustments of the accounts for the year.

The accounts of the Sinking Fund Commissioners are closed as of Jan. 1st in each year, but the accounts of the City are closed at the end of its fiscal year, which is the first Monday in December. It has been the practice to state, in the city accounts, the sinking funds at the figures actually in these funds — not at the date of the city report, but at the date of the closing of the accounts of the Commissioners, nearly a month later. In the balance sheet of Dec. 7, 1903, we have shown the amount of the sinking funds which were actually on hand at that date, but in the balance sheets of the other years we have not changed the figures shown on the city reports.

WATER WORKS.

The accounts of this department are well and carefully kept, but as they record only the cash receipts and disbursements, they do not show the true income and expenses of the department from year to year.

Whatever might be thought as to the necessity of recording the true income and expenses of the City as a whole, it would seem that the accounts of the Water Works — which is in effect a business undertaking — should be stated so as to show accurately its net income each year.

At the date of the close of each financial year the department has received a proportion of the water rates for at least six months in advance, and water must be furnished to these consumers for this time without further revenue. There are also expenses due, but not paid.

As an offset to this, there may be amounts due for water used, but not paid, and there are certain materials and supplies on hand — the amount of which does not appear on the books. The present method of treating the accounts makes it impossible to determine these amounts without a great amount of labor.

All supplies purchased are charged to maintenance or construction when the money is disbursed, although the supplies may not be used until the succeeding year or later.

Shortly after the completion of the "Further Water Supply," various expenditures were made for betterments on the new pumping station and other parts of the new system, and a dwelling house was erected for the Engineer. The cost of all these improvements was charged to maintenance, and the years in which these disbursements were made show an abnormally high maintenance cost.

Section 12 of Chapter XVI of the Ordinances of the City provides that it shall be the duty of the City Treasurer, in the absence of special directions from the City Council, to apply the receipts from the Water Department to the following purposes, in the order in which they are stated:—

1. To the payment of its operating and maintenance expenses.
2. "To the payment of the interest on the water loan."
3. To the payment of the principal of the water bonds.

When the receipts from the Water Department have not been sufficient to meet all of these charges, it has been the practice to apply the excess over the amount necessary to pay running expenses, to the payment of the principal of the water loans, before providing for the interest on them.

TEMPORARY LOANS.

In each of the years covered by our examination, funds have been received by the Treasurer from "Temporary Loans." In each case the resolution of the Council authorizing the loan has stated that it was made in anticipation of the collection of the taxes of the year in question.

In no year since 1897 have the temporary loans been liquidated in full, and the amount of these loans outstanding had reached the sum of \$603,000.00 at the end of 1903.

As the part of the taxes necessary to liquidate these loans was not used for that purpose, but was appropriated by the Council to other uses, it might be thought to have been, in a technical sense, "unlawfully expended."

However undesirable this state of affairs may be, it is by no means peculiar to the City of New Bedford. His Excellency the Governor, in his inaugural address, stated that the majority of the cities in the Commonwealth are "unable to live inside of this limit (\$12.00 per \$1,000.00 for local purposes) and conduct their affairs as the people want them conducted," and that many of them "are obliged to make permanent loans to pay current expenses."

NEW BEDFORD AND FAIRHAVEN BRIDGE

Under the provisions of Chapter 439 of the Acts of the Legislature of 1900, it was provided that the expense of the completion of the bridge between the City of New Bedford and the Town of Fairhaven should be borne in the first instance by the City of New Bedford; and the

City was authorized and directed to borrow from time to time, outside of its debt limit, such sums as might be necessary to meet the expenses of the work.

Under this authority the City has borrowed from time to time various sums on its notes, which amounted on Jan. 1, 1904, to \$425,000.00. The Act provides that the greater part of this amount shall be repaid to the City by the County of Bristol, the Commonwealth of Massachusetts, the Old Colony Railroad Co., the Union Street Railway Co., and the Town of Fairhaven.

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SCHEDULE A-I.

CONSOLIDATED STATEMENT OF RECEIPTS AND DISBURSEMENTS
for the seven fiscal years ending December 7, 1903.

	1897	1898	1899	1900	1901	1902	1903
Total Cash in Treasury beginning of year	\$396,379.93	\$144,252.41	\$75,971.60	\$37,317.67	\$50,911.26	\$67,398.56	\$64,627.29
Less Trust Funds held as cash	43,834.93	43,834.93	43,834.93	43,834.93	43,834.93	43,834.93	43,834.93
Free Cash in Treasury beginning of year	\$352,545.00	\$100,417.48	\$32,136.67	* \$6,517.26	\$7,076.33	\$23,563.63	\$20,792.36
Actual Receipts during year (Schedule A-I)	1,983,088.59	1,904,377.70	1,832,631.36	1,945,379.32	2,031,905.66	2,363,182.32	2,504,662.11
Actual Disbursements during year (Schedule A-II) ..	2,335,633.59	\$2,004,795.18	\$1,864,758.03	\$1,938,862.06	\$2,038,981.99	\$2,386,745.95	\$2,526,454.47
Balance of Free Cash in Treasury at end of year...	\$100,417.48	\$32,136.67	* \$6,517.26	\$7,076.33	\$23,563.63	\$20,792.36	\$63,790.67
Actual Receipts as above ..	\$1,983,088.59	\$1,904,377.70	\$1,832,631.36	\$1,945,379.32	\$2,031,905.66	\$2,363,182.32	\$2,504,662.11
Actual Disbursements as above	2,235,216.11	1,972,668.51	1,871,275.29	1,931,785.73	2,015,418.36	2,365,953.59	2,441,663.80
Excess of Disbursements.	\$252,127.52	\$68,280.81	\$38,653.93			\$2,771.27	
Excess of Receipts				\$13,593.59	\$16,487.30		\$63,998.31

* Deficit — Cash in Treasury temporarily insufficient to meet Trust Fund requirements (\$43,834.93).

SCHEDULE A-II.
GENERAL STATEMENT OF RECEIPTS AND DISBURSEMENTS.
for the seven fiscal years ending December 7, 1903.

	1897	1898	1899	1900	1901	1902	1903
RECEIPTS.							
Ordinary—Schedule A-III.....	\$1,320,665.44	\$1,393,391.68	\$1,460,242.19	\$1,461,112.73	\$1,534,469.88	\$1,573,849.58	\$1,640,055.89
Extraordinary—Schedule A-III.....	656,348.15	506,411.02	366,509.17	475,441.59	491,933.78	781,252.60	866,443.67
Trust Funds—Schedule A-V.....	6,075.00	5,675.00	5,870.00	8,825.00	5,502.00	8,080.14	8,162.55
Total Actual Receipts—Schedule A-I.....	\$1,983,088.59	\$1,904,377.70	\$1,832,621.36	\$1,945,379.32	\$2,031,905.66	\$2,363,182.32	\$2,504,662.11
(omitting duplications)							
Temporary Accounts (Duplications).....	437,645.56	517,680.83	862,207.26	647,612.85	838,912.08	953,047.09	933,490.66
Schedule A-VI.....							
Total Receipts.....	\$2,420,734.15	\$2,422,058.53	\$2,694,828.62	\$2,592,992.17	\$2,870,817.74	\$3,316,229.41	\$3,438,152.77
DISBURSEMENTS.							
Ordinary—Schedule A-III.....	\$1,141,023.67	\$1,426,967.80	\$1,355,273.94	\$1,404,145.88	\$1,463,285.12	\$1,520,857.51	\$1,682,343.96
Extraordinary—Schedule A-III.....	1,088,117.44	640,116.71	510,131.35	518,814.85	546,631.24	837,015.94	751,167.29
Trust Funds—Schedule A-V.....	6,075.00	5,675.00	5,870.00	8,925.00	5,502.00	8,080.14	8,162.55
Total Actual Disbursements—Schedule A-I.....	\$2,235,216.11	\$1,972,658.51	\$1,871,275.29	\$1,931,785.73	\$2,015,418.36	\$2,365,963.59	\$2,441,663.80
(omitting duplications)							
Temporary Accounts (Duplications).....	437,645.56	517,680.83	862,207.26	647,612.85	838,912.08	953,047.09	933,490.66
Schedule A-VI.....							
Total Disbursements.....	\$2,672,861.67	\$2,490,339.34	\$2,733,482.55	\$2,579,398.58	\$2,854,330.44	\$3,319,000.68	\$3,375,164.46

"Ordinary" includes the Receipts of the City from taxation and ordinary sources; and the disbursements of the City for running expenses, viz.: for operation and maintenance.
 "Extraordinary" includes the Receipts of the City from sales of bonds, temporary tax loans, sales of City property and other extraordinary sources; and the disbursements for payment of debt: the purchase of public buildings and lands, the original construction of permanent improvements; and such disbursements as result in fixed improvements.
 "Trust Funds" include all receipts and disbursements of the City when acting as trustee or as agent for funds, trusts, special deposits, etc., which cannot be used except in accordance with the conditions of the trust.
 "Temporary Accounts" include all receipts and disbursements of the City which are simply journal items, duplications, or items paid in, temporarily held and paid out again, and give the same figures for both receipts and disbursements.

SCHEDULE A-III.

STATEMENT OF RECEIPTS AND DISBURSEMENTS —
ORDINARY AND EXTRAORDINARY

for the fiscal year ending Dec, 6, 1897.

	ORDINARY.		EXTRAORDINARY.	
	Receipts.	Disbursements.	Receipts.	Disbursements.
General Government	\$1,510.89	\$43,113.14	\$	\$
Protection of Life, Health and Property	14,550.12	225,571.49	4,730.00	17,241.24
Public Charity and Correction	17,450.02	66,266.75	.....	1,508.19
Public Ways and Wastes	83,749.36	147,867.06	.....	167,256.85
Public Industries and Investments	116,998.63	27,644.24	9,367.73	291,570.36
Public Education	4,461.72	193,677.25	.....	60,436.80
Public Art and Recreation	2,086.50	24,815.41	.....	.....
Public Indebtedness	47,286.11	90,068.00	621,000.00	550,105.00
Public Interest	9,217.86	142,401.13	.....	.....
Public Taxation	1,073,354.24	138,168.87	.....	.....
Special Assessments .....	.....	.....	21,250.42	.....
Unclassified .....	.....	39,432.38	.....	.....
Total	\$1,320,665.44	\$1,141,023.67	\$656,348.15	\$1,088,117.44
Excess of Ordinary Receipts .....	.....	179,641.77	.....	.....
Excess of Extraordinary Disbursements .....	.....	.....	431,769.29	.....
	\$1,320,665.44	\$1,320,665.44	\$1,088,117.44	\$1,088,117.44

SCHEDULE A-III.

STATEMENT OF RECEIPTS AND DISBURSEMENTS —
ORDINARY AND EXTRAORDINARY

for the fiscal year ending Dec. 5, 1898.

	ORDINARY.		EXTRAORDINARY.	
	Receipts.	Disbursements.	Receipts.	Disbursements.
General Government	\$1,487.40	\$44,711.38	\$.....	\$.....
Protection of Life, Health and Property.....	14,835.27	249,928.67	3,638.00	23,436.50
Public Charity and Correction.....	20,278.44	99,192.97	.....	3,852.02
Public Ways and Wastes.....	80,326.52	173,405.89	9,850.00	196,500.80
Public Industries and Investments.....	117,831.45	35,992.19	7,593.62	256,438.50
Public Education	7,996.77	257,034.86	.....	35,887.89
Public Art and Recreation.....	110.15	21,880.30	.....	.....
Public Indebtedness.....	7,396.45	121,040.00	464,000.00	24,000.00
Public Interest.....	5,895.34	170,049.67	.....	.....
Public Taxation.....	1,187,738.89	206,642.16	11,250.00	.....
Special Assessments.....	.....	.....	9,079.40	.....
Unclassified.....	.....	47,989.71	.....	.....
Total.....	\$1,398,391.68	\$1,426,967.80	\$505,411.02	\$540,115.71
Excess of Ordinary Disbursements.....	33,576.12	.....	.....	.....
Excess of Extraordinary Disbursements.....	.....	.....	84,704.69	.....
	\$1,426,967.80	\$1,426,967.80	\$540,115.71	\$540,115.71

SCHEDULE A-III.

STATEMENT OF RECEIPTS AND DISBURSEMENTS —
ORDINARY AND EXTRAORDINARY

for the fiscal year ending Dec. 4, 1899.

	ORDINARY.		EXTRAORDINARY.	
	Receipts.	Disbursements.	Receipts.	Disbursements.
General Government.....	\$2,117.90	\$45,574.84	\$.....	\$.....
Protection of Life, Health and Property.....	16,620.16	242,113.44	3,490.00	4,651.64
Public Charity and Correction.....	28,112.13	86,229.15	.....	4,414.04
Public Ways and Wastes.....	32,177.43	165,046.18	.....	101,213.71
Public Industries and Investments.....	116,856.50	55,813.35	5,770.18	74,591.06
Public Education.....	7,883.39	216,109.00	.....	16,746.76
Public Art and Recreation.....	185.57	20,398.87	.....	2,210.48
Public Indebtedness.....	9,480.90	126,334.55	351,000.00	306,303.66
Public Interest.....	6,682.93	171,493.15	.....	.....
Public Taxation.....	1,241,176.29	184,734.59	.....	.....
Special Assessments.....	.....	.....	6,180.83	.....
Unclassified.....	.....	41,637.32	.....	.....
Total.....	\$1,460,242.19	\$1,355,273.94	\$366,509.17	\$510,131.35
Excess of Ordinary Receipts.....	.....	104,968.25	.....	.....
Excess of Extraordinary Disbursements.	.....	.....	143,622.18	.....
	\$1,460,242.19	\$1,460,242.19	\$510,131.35	\$510,131.35

SCHEDULE A-III.

STATEMENT OF RECEIPTS AND DISBURSEMENTS —
ORDINARY AND EXTRAORDINARY

for the fiscal year ending Dec. 3, 1900.

	ORDINARY.		EXTRAORDINARY.	
	Receipts.	Disbursements.	Receipts.	Disbursements.
General Government.....	\$2,123.33	\$46,084.14	\$.....	\$.....
Protection of Life, Health and Property.....	19,481.56	252,169.46	4,768.00	5,092.64
Public Charity and Correction.....	31,097.81	85,935.54	300.00	9,257.05
Public Ways and Wastes.....	34,072.74	168,655.52	.....	116,713.92
Public Industries and Investments.....	122,610.31	49,341.24	.....	67,261.66
Public Education.....	7,759.41	237,873.30	11,042.49	98,303.28
Public Art and Recreation.....	188.35	22,986.18	800.00	250.30
Public Indebtedness.....	14,245.28	181,804.07	448,000.00	222,000.00
Public Interest.....	7,203.15	184,425.97	.....	.....
Public Taxation.....	1,232,380.79	183,320.42	.....	.....
Special Assessments.....	.....	.....	10,541.10	.....
Unclassified.....	.....	41,661.04	.....	.....
Total.....	\$1,461,112.73	\$1,404,145.88	\$475,441.59	\$518,814.85
Excess of Ordinary Receipts.....	.....	56,966.85	.....	.....
Excess of Extraordinary Disbursements.	.....	.....	43,373.26	.....
	\$1,461,112.73	\$1,461,112.73	\$518,814.85	\$518,814.85

SCHEDULE A-III.

STATEMENT OF RECEIPTS AND DISBURSEMENTS —
ORDINARY AND EXTRAORDINARY

for the fiscal year ending Dec. 2, 1901.

	ORDINARY.		EXTRAORDINARY.	
	Receipts.	Disbursements.	Receipts.	Disbursements.
General Government.....	\$2,313.83	\$45,865.75	\$.....	\$.....
Protection of Life, Health and Property.....	19,930.74	268,324.79	4,182.00	4,804.88
Public Charity and Correction.....	22,872.73	93,416.79	.....	512.68
Public Ways and Wastes.....	41,126.30	179,081.42	.....	128,523.04
Public Industries and Investments.....	124,670.88	38,861.72	6,949.03	38,017.97
Public Education.....	7,841.23	259,787.51	.....	108,671.39
Public Art and Recreation.....	44.07	25,694.21	.....	28,101.28
Public Indebtedness.....	.....	130,629.70	475,000.00	240,000.00
Public Interest.....	5,671.51	185,797.58	.....	.....
Public Taxation.....	1,309,998.54	180,519.16	.....	.....
Special Assessments.....	.....	.....	5,802.75	.....
Unclassified.....	.....	55,307.49	.....	.....
Total.....	\$1,534,469.88	\$1,463,285.12	\$491,933.78	\$546,631.24
Excess of Ordinary Receipts.....	.....	71,184.76	.....	.....
Excess of Extraordinary Disbursements.	.....	.....	54,697.46	.....
	\$1,534,469.88	\$1,534,469.88	\$546,631.24	\$546,631.24

SCHEDULE A-III.

STATEMENT OF RECEIPTS AND DISBURSEMENTS —
ORDINARY AND EXTRAORDINARY

for the fiscal year ending Dec. 1, 1902.

	ORDINARY.		EXTRAORDINARY.	
	Receipts.	Disbursements.	Receipts.	Disbursements.
General Government.....	\$2,006.03	\$50,591.87	\$.....	\$.....
Protection of Life, Health and Property.....	23,720.79	273,081.43	3,956.00	4,327.10
Public Charity and Correction.....	23,430.89	103,003.10	.....	11,266.57
Public Ways and Wastes.....	44,746.30	189,802.64	.....	133,122.22
Public Industries and Investments.....	130,596.96	40,818.53	20,627.98	27,708.33
Public Education.....	8,699.50	260,212.36	.....	126,481.12
Public Art and Recreation.....	501.48	33,174.39	476.50	19,110.61
Public Indebtedness.....	12,136.60	137,466.30	753,000.00	515,000.00
Public Interest.....	6,595.46	191,755.05	.....	.....
Public Taxation.....	1,321,515.25	187,964.61	.....	.....
Special Assessments.....	.....	.....	3,192.12	.....
Unclassified.....	.....	62,387.23	.....	.....
Total.....	\$1,573,849.58	\$1,520,857.51	\$781,252.60	\$837,015.94
Excess of Ordinary Receipts.....	.....	62,982.07	.....	.....
Excess of Extraordinary Disbursements.....	.....	.....	56,763.34	.....
	\$1,573,849.58	\$1,573,849.58	\$837,015.94	\$837,015.94

SCHEDULE A-III.

STATEMENT OF RECEIPTS AND DISBURSEMENTS —
ORDINARY AND EXTRAORDINARY

for the fiscal year ending Dec. 7, 1903.

	ORDINARY.		EXTRAORDINARY.	
	Receipts.	Disbursements.	Receipts.	Disbursements.
General Government.....	\$2,331.39	\$91,022.86	\$.....	\$.....
Protection of Life, Health and Property.....	21,263.10	284,452.09	6,509.00	3,325.00
Public Charity and Corrections.....	25,039.48	109,958.09	.....	6,848.44
Public Ways and Wastes.....	69,621.69	229,414.68	36.49	146,646.78
Public Industries and Investments.....	143,203.83	77,937.01	10,689.83	53,828.52
Public Education.....	9,186.32	298,101.04	.....	85,310.55
Public Art and Recreation.....	281.92	40,899.92	.....	6,200.00
Public Indebtedness.....	4,896.50	128,131.50	833,000.00	500,000.00
Public Interest.....	5,141.81	198,930.91	.....	.....
Public Taxation.....	1,358,178.14	208,490.48	.....	.....
Special Assessments.....	.....	.....	6,218.95	.....
Unclassified.....	933.71	45,005.88	.....	.....
Total.....	\$1,640,055.89	\$1,682,343.96	\$956,443.67	\$751,157.29
Excess of Ordinary Disbursements.....	42,288.07	.....	.....	105,296.98
Excess of Extraordinary Receipts.....	.....	.....	.....	.....
	\$1,682,343.96	\$1,682,343.96	\$956,443.67	\$956,443.67

SCHEDULE A-IV.

STATEMENT OF RECEIPTS AND DISBURSEMENTS,

Divided into Ordinary and Extraordinary and Arranged by Departments and Divisions, which
are Grouped According to Their Functions,
together with

the Corresponding Appropriations Made by the City Council, which are given here for comparison
with the actual disbursements.

Year	1897	—	Schedule A-IV-1	to 12	inclusive.	.....	Page	29
"	1898	"	"	"	"	.....	"	42
"	1899	"	"	"	"	.....	"	55
"	1900	"	"	"	"	.....	"	68
"	1901	"	"	"	"	.....	"	81
"	1902	"	"	"	"	.....	"	94
"	1903	"	"	"	"	.....	"	107

SCHEDULE A-IV-1.
GENERAL GOVERNMENT.
1897.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
1-a MAYOR'S DEPARTMENT.....	\$..	\$..	\$..	\$..	\$..
1-b COUNCILS:—					
City Messenger's Dept.....	.....	.....	.....	.....	.....
Clerk of Committees.....	.....	.....	.....	.....	.....
City Council's Expenses.....	.....	.....	.....	.....	.....
City Clerk's Dept.....	1,103.11	.....	.....	.....	.....
1-c LAW DEPARTMENT.....	.....	.....	.....	.....	.....
1-d FINANCE:—					
Auditor's Dept.....	.....	.....	.....	.....	.....
Assessing Dept.....	394.88	.....	4,000.00	4,780.57	.....
Treasurer's (and Collector).....	.....	.....	.....	.....	.....
Sinking Fund Officials.....	.....	.....	.....	.....	.....
1-e ELECTIONS:—					
General Expenses.....	.....	.....	.....	3,154.88	.....
City Clerk.....	.....	.....	.....	.....	.....
Registrars of Voters.....	.....	.....	.....	.....	.....
1-f CITY HALL:—					
City Buildings Account.....	12.90	.....	5,800.00	8,950.58	.....
1-g MISCELLANEOUS:—					
Printing, Binding and Stationery.....	.....	.....	4,000.00	4,232.89	.....
*Salaries.....	.....	.....	23,965.00	21,994.42	.....
Total General Government.....	\$1,510.89	\$..	\$37,565.00	\$43,113.14	.....

*Should be distributed.

SCHEDULE A-IV-2.

PROTECTION OF LIFE, HEALTH AND PROPERTY.
1897.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
2-a POLICE DEPARTMENT:— Police Station, Kenpton and Cedar streets.	\$1,062.66	\$	\$88,000.00	\$104,750.83	\$ 8,300.01
2-b FIRE DEPARTMENT:— Salaries and General Expenses.	60.18	..	56,000.00	72,456.50	4,070.39
2-c FIRE AND POLICE TELEGRAPH:— Addition to Repair Shop.	..	..	4,070.39	..	..
2-d UNDERGROUND WIRES.	..	..	..	..	763.02
2-e COURTS:—Fines — Police Department.	5,577.30	..	..	..	..
HEALTH DEPARTMENT:— Salaries and General Expenses.	5.00	..	16,840.00	19,372.02	..
Contagious Diseases.	..	..	..	..	..
Isolation Hospital.	..	..	..	..	..
Commonwealth of Mass., etc.	..	..	..	..	..
Inspector of Milk and Vinegar.	..	..	..	..	..
Inspector of Provisions — Salaries, etc.	..	..	..	..	..
2-f CEMETERIES AND CREMATORIES:— Salaries and Labor, General Expenses, { From Burials, etc. }	7,244.98	..	14,800.00	28,089.89	..
Sales of Lands and Lots.	..	..	..	..	3,305.42
Receiving Tomb — Rural Cemetery.	4,730.00	..	..	..	802.40
Interest on Deposits for Perpetual Care.	..	..	..	..	..
Interest on Cemetery Funds for Perpetual Care — held as Cash in Treasury — 6% }	*	..	..	1,322.24	..
2-g INSPECTORS:— Superintendent of Buildings	..	..	..	..	..
Sealer of Weights and Measures.	..	..	..	..	..
2-h MILITIA AND ARMORIES:— Armories and Military Properties	..	..	2,800.00	8,622.19	..
Commonwealth of Mass.	600.00	..	..	..	..
2-j MISCELLANEOUS:— License Commission.	..	..	637.00	957.72	..
Total Protection of Life, Health and Property	\$14,550.12	\$4,730.00	\$203,207.39	\$235,571.49	\$17,241.24

* The amount should be the same each year, viz.: \$1,604.10 = 6% on \$26,734.83.

SCHEDULE A-IV-3.

PUBLIC CHARITY AND CORRECTION.

1897.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
3-a HOSPITALS.....	\$.....	\$.....	\$.....	\$.....	\$.....
3-b INSANE:— Outside Aid — Care of Insane (included under 3-e).	.....	.....	.....	.....	.....
3-c HOUSES — for Children, Aged, Deaf, Dumb, Blind, etc.....	.....	.....	.....	.....	.....
3-d ALMSHOUSES:— (Maintenance included under 3-e). *Alterations and Repairs.....	.....	.....	14,500 00	.....	1,508.19
3-e OUT-DOOR RELIEF:— Overseers of the Poor Dept. Salaries and General Expense, Outside Aid and Maintenance of Almshouse.....	6,327.52	.....	36,000 00	47,980.05	.....
3-f LODGING HOUSES.....	.....	.....	.....	.....	.....
3-g PRISONS AND REFORMATORIES.....	.....	.....	.....	.....	.....
3-h WORKHOUSES.....	.....	.....	.....	.....	.....
3-j MISCELLANEOUS:— State Aid, Soldiers' Relief, Military Aid and Burial of Soldiers..... Pingree System.....	11,122 50	.....	5,200.00	17,554.87 751.83	.....
Total Public Charity and Correction..	\$17,450.02	\$.....	\$55,700.00	\$68,268.75	\$1,508.19

* Part of this amount should be included in ordinary disbursements.

SCHEDULE A-IV-4.
PUBLIC WAYS AND WASTES.
1897.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
4-a ADMINISTRATION:— Engineering Dept. Salaries—Supt. of Streets and Office	\$ 79.02	\$	*\$8,000.00	\$9,318.67	\$
4-b MAINTENANCE & REPAIRS OF STS.:— Labor, Concrete, Stone, etc.	27,965.60	.....	147,000.00	72,074.41	.....
4-c OPENING, GRADING & WIDENING STS.:— Land Damages	27,507.11	.....	27,106.16
Street Construction	*	92,759.88
Grade Crossings	936.59
4-d STREET PAVING:— Rebuilding Streets
Maintenance
4-e SIDEWALKS:— Paving — Edgestones and Sidewalks
Paving — Crossings and Repairs.
4-f STREET LIGHTING:— General	40,000.00	44,350.14	.....
4-g STREET CLEANING:— Street Cleaning Div. (Less Snow Removal)
4-h SNOW REMOVAL:— Street Cleaning
4-j STREET SPRINKLING:— Street Watering

4-k REFUSE COLLECTION AND DISPOSAL:—	.....	.....	.....	.....	.....
Overseers of Poor — House Offal .....	.....	.....	.....	.....	.....
Collection of Ashes .....	.....	.....	.....	.....	.....
4-l SEWERS AND SEWAGE DISPOSAL:—	.....	.....	.....	.....	36,604.23
Sewer Dept — Construction .....	.....	.....	34,667.00	.....	.....
Sewer Dept. — Improved Sewerage .....	.....	.....	.....	.....	.....
Sewer Dept. — Maintenance .....	.....	.....	12,000.00	.....	.....
Sewer Dept. — Permits .....	.....	.....	.....	.....	.....
4-m RIVERS, HARBORS AND WATERWAYS:—	.....	.....	.....	.....	.....
Dredging .....	.....	.....	.....	.....	.....
4-n BRIDGES:—	.....	.....	.....	.....	.....
New Bedford and Fairhaven Bridge .....	.....	.....	4,000.00	.....	3,466.53
Coggeshall Street Bridge .....	.....	.....	400.00	.....	188.11
Temporary Bridge .....	.....	.....	9,860.00	.....	9,860.00
4-o MISCELLANEOUS:—	.....	.....	.....	.....	.....
Damages to Persons and Personal Property .....	.....	.....	.....	.....	.....
Court Judgments .....	.....	.....	.....	310.01	.....
Claims .....	.....	.....	.....	.....	.....
Engineering Dept. — Bound Stones .....	.....	.....	.....	.....	.....
Total Public Ways and Wastes	\$33,749.36	\$.....	\$283,424.11	\$147,867.06	\$167,256.85

* Appropriation 4-b.

SCHEDULE A-IV-5.
PUBLIC INDUSTRIES AND INVESTMENTS.
1897.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
5-a WATER WORKS:—					
Construction.....	\$.....	\$9,367.73	\$.....	\$.....	\$37,597.11
Maintenance.....	.....	.....	.....	.....	.....
Rates, Fines (Less Abatements).....	99,154.92	.....	.....	26,295.16	.....
Water Used for Public Purposes.....	12,000.00	.....	.....	.....	.....
Miscellaneous.....	131.67	.....	.....	.....	.....
FURTHER WATER SUPPLY:—					
Construction.....	.....	.....	.....	.....	253,973.25
Miscellaneous.....	604.34	.....	.....	.....	.....
5-b DOCKS AND WHARVES:—					
Maintenance.....	.....	.....	.....	1,349.08	.....
Wharfage, Rents, etc.....	3,906.31	.....	.....	.....	.....
5-c CITY REAL ESTATE:—					
Rent of Land and Buildings.....	593.00	.....	.....	.....	.....
Sale of Buildings, etc.....	608.38	.....	.....	.....	.....
5-d MISCELLANEOUS					
Total Public Industries and Investments.....	\$116,998.62	\$9,367.73	\$.....	\$27,644.24	\$291,570.36

**SCHEDULE A-IV-6.
PUBLIC EDUCATION.
1897.**

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
6-a PUBLIC SCHOOLS:—					
Tuition, etc.....	\$1,036.42	\$.....	\$.....	14,974.74	\$.....
General Expenses .....	.....	.....	.....	47,337.99	.....
Incidentals.....	10.05	.....	.....	112,662.69	.....
Salaries of Teachers.....	16.25	.....	.....	60.00	.....
Jona. Bourne Prize Fund — Interest	30.00	.....	.....	3,259.92	.....
Sylvia Ann Howland Fund — Interest	1,500.00	.....	.....	932.05	.....
Income from Dog Licenses.....	.....	.....	.....	.....	13,193.94
New Schoolhouse — Phillips Ave.....	.....	.....	3,849.00	.....	19,878.84
" " Dartmouth St.....	.....	.....	2,300.00	.....	24,406.18
" " Brock Ave.....	.....	.....	35,136.60	.....	2,356.84
" " and lot, Shawmut Ave.....	.....	.....	2,956.84	.....	.....
6-b PUBLIC LIBRARIES:—					
Free Public Library.....	.....	.....	8,000.00	10,003.05	.....
J. B. Congdon Fund Interest	15.00	.....	.....	156.18	.....
Geo. O. Crocker ".....	200.00	.....	.....	479.34	.....
Oliver Crocker ".....	30.00	.....	.....	48.08	.....
Geo. Howland, Jr. ".....	48.00	.....	.....	131.90	.....
Sylvia Ann Howland ".....	1,500.00	.....	.....	2,201.22	.....
Chas. W. Morgan ".....	30.00	.....	.....	6.00	.....
Chas. L. Wood ".....	40.00	.....	.....	14.10	.....
Reading Room Fund.....	6.00	.....	.....	500.13	.....
Income from Dog Licenses.....	.....	.....	.....	1,356.67	.....
Fines.....	.....	.....	.....	.....	.....
6-c OTHER PUBLIC EDUCATION:—					
Kindergartens.....	.....	.....	1,800.00	1,553.29	.....
Textile School.....	.....	.....	25,000.00	.....	.....
6-d MISCELLANEOUS PUBLIC EDUCATION..					
Total Public Education.....	\$4,461.72	\$.....	\$225,882.44	\$195,677.25	\$80,435.80

SCHEDULE A-IV-7.
PUBLIC ART AND RECREATION.
1897.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
7-a PARKS:—					
Construction Account.....	\$.....	\$.....	\$.....	\$.....	\$.....
General Account.....	74.25		16,000.00	14,834.89	
Shade Trees.....					
7-b BATHS:—					
Construction, etc.....					
Maintenance.....					
7-c CELEBRATIONS:—					
Fourth of July.....					
Labor Day.....					
Memorial Day.....					
Band Concerts.....					
Semi-Centennial.....	2,012.25		8,000.00	9,880.52	
7-d MISCELLANEOUS.....					
Total Public Art and Recreation.....	\$2,086.50	\$.....	\$24,000.00	\$24,815.41	\$.....

SCHEDULE A-IV-8.
PUBLIC INDEBTEDNESS.
1897.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
8-a RECEIPTS FROM LOANS:— (not including Temporary Tax Loans). Improvement..... Schoolhouse..... Sewer..... Water..... Wharf.....	\$	\$172,000.00 128,000.00 68,000.00 200,000.00 52,000.00	\$	\$	\$
8-b PAYMENTS TO SINKING FUNDS:— General..... Water Works (from Dept. Receipts)..... Dept. of Wharves " ".....	..... ..... .....	..... ..... .....	72,820.00	74,066.00 16,000.00.....	...............
8-c DIRECT PAYMENT OF MATURED DEBT:— (not from Sinking Fund). Improvement Bonds from Tax Levy..... Water Bonds from Dept. Receipts.....	..... ..... .....	..... ..... .....	*..... ..... .....	..... ..... .....	10,000.00 20,000.00
8-d FLOATING DEBT TRANSACTIONS:— Excess of Temporary Loans of year over amount repaid (see Schedule A-VI-a)..... Payment of Temporary Loans unpaid at close of previous fiscal year.....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... 520,105.00
8-e MISCELLANEOUS:— Premium Account.....	47,286.11	.....	.....	.....	.....
Total Public Indebtedness.	\$47,286.11	\$631,000.00	\$72,820.00	\$90,066.00	\$550,105.00

* Appropriation 9-c.

SCHEDULE A-IV-9.

PUBLIC INTEREST.

1897.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
9-a INTEREST ON FUNDS ON DEPOSIT:—					
Interest on Bank Deposits.....	\$6,164.09	\$.....	\$.....	\$.....	\$.....
9-b INTEREST ON DELINQUENT TAXES, &c:—					
Interest on Sewer Assessments.....					
" Sidewalk.....					
" Overdue Taxes.....	1,692.90				
" Betterments.....					
9-c PAYMENTS OF INTEREST ON DEBT:—					
On Bonded Debt.....					
On Bonded Debt (Water Bonds).			145,000.00	64,497.50	
On Bonded Debt (Water Bonds).				68,365.00	
On Bonded Debt (Water Bonds).				10,000.00	
(from Dept. Receipts).					
On Bonded Debt. (Wharf Bonds).					
(from Dept. Receipts).					
On Temporary Loans.....				11,245.68	
9-d MISCELLANEOUS INTEREST:—					
Interest on Trust Funds.....			*	3,393.00	
Accrued Interest.....	1,360.87				
†Interest on Cemetery Funds held by Treasurer as Cash.....					
Total Public Interest.....	\$9,217.96	\$.....	\$145,000.00	\$142,401.18	\$.....

* Appropriation 9-c.

† The amount should be the same each year, viz.: \$1,604.10 — 6% on \$26,734.93.

SCHEDULE A-IV-10.
TAXATION.
1899.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
10-a REAL PROPERTY TAXES:—					
Taxes — State, County and City	\$990,503.09	\$	\$	\$	\$
Taxes — previous years	56,027.53	.....	.....	.....	.....
Abatements, etc. ....	.....	.....	.....	.....	.....
Tax Titles	1,239.97	.....	.....	2,052.26	.....
10-b PERSONAL PROPERTY TAXES.					
(included in 10-a).	.....	.....	.....	.....	.....
10-c POLL TAXES (included in 10-a).					
10-d OTHER TAXES:— Corporation Tax					
Bank Tax	61,163.35	.....	.....	312.55	.....
Tax on Foreign Ships	37,787.24	.....	.....	35,779.88	.....
.....	312.79	.....	.....	.....	.....
10-e LIQUOR LICENSES	75,382.00	.....	.....	18,845.50	.....
10-f OTHER LICENSES:—Milk Licenses.					
.....	187.00	.....	.....	.....	.....
Pedlars' Licenses	100.00	.....	.....	.....	.....
Board of Health Licenses	20.00	.....	.....	.....	.....
Dog Licenses	2,510.92	.....	.....	.....	.....
10-g FRANCHISE TAXES (ORDINARY):—					
Street Railway Tax — State	*6,083.16	.....	.....	.....	.....
" "	5,756.75	.....	.....	.....	.....
Street Railway Tax — Excise	4,038.11	.....	.....	.....	.....
10-h FRANCHISE RIGHTS (EXTRAORDINARY)					
Union Street Railway .....	.....	.....	.....	.....	.....
10-j MISCELLANEOUS:—					
State, County and Armory Tax .....	.....	.....	.....	127,744.60	.....
Total Taxation	\$1,241,176.29	\$	\$	\$184,784.50	\$

* Due in 1898, but not received until 1899.

SCHEDULE A-IV-11.

SPECIAL ASSESSMENTS.
1899.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
11-a ASSESSMENTS FOR LAYING OUT, OPENING AND WIDENING STREETS:— Betterments — Streets.		\$1,985.78			
11-b ASSESSMENTS FOR PAVING STREETS.....					
11-c ASSESSMENTS FOR SIDEWALKS.....					
11-d ASSESSMENTS FOR STREET CLEANING.....					
11-e ASSESSMENTS FOR STREET SPRINKLING.....					
11-f ASSESSMENTS FOR STREET LIGHTING.....					
11-g ASSESSMENTS FOR GARBAGE COLLECTION, ETC					
11-h ASSESSMENTS FOR SEWERS.....		4,195.05			
11-j ASSESSMENTS FOR PARKS.....					
11-k OTHER SPECIAL ASSESSMENTS.....					
Total Special Assessments.....		\$6,180.83			

SCHEDULE A-IV-12.
UNCLASSIFIED.
 (Not included elsewhere).
 1899.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
12-a CONTINGENT FUND:—					
*Incidentals.....			\$30,000.00	\$29,637.32	
12-b MISCELLANEOUS:—					
Water used for Public Purposes			12,000.00	12,000.00	
Total Unclassified.....			\$42,000.00	\$41,637.32	

* This disbursement is properly chargeable to various departments on the foregoing Schedules

SCHEDULE A-IV-1.
GENERAL GOVERNMENT.
1900.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
1-a MAYOR'S DEPARTMENT.....	\$	\$	\$	\$	\$
1-b COUNCILS:—					
City Messenger's Dept.....	.....	.....	.....	.....	.....
Clerk of Committees.....	.....	.....	.....	.....	.....
City Council's Expenses .....	.....	.....	.....	.....	.....
City Clerk's Dept.....	1,644.80	.....	.....	.....	.....
1-c LAW DEPARTMENT .....	.....	.....	.....	.....	.....
1-d FINANCE:—					
Auditor's Dept.....	.....	.....	.....	.....	.....
Assessing Dept.....	.....	.....	6,000.00	5,962.77	.....
Treasurer's (and Collector)	361.12	.....	.....	.....	.....
Sinking Fund Officials.....	.....	.....	.....	.....	.....
1-e ELECTIONS:—					
General Expenses.....	.....	.....	5,000.00	3,984.92	.....
City Clerk.....	.....	.....	.....	.....	.....
Registrars of Voters .....	.....	.....	.....	.....	.....
1-f CITY HALL:—					
City Buildings Account	127.41	.....	9,149.34	8,684.66	.....
1-g MISCELLANEOUS:—					
Printing, Binding and Stationery .....	.....	.....	3,000.00	2,546.79	.....
*Salaries .....	.....	.....	24,845.00	24,845.00	.....
Total General Government.....	\$2,123.33	\$	\$47,994.34	\$40,034.14	\$

* Should be distributed.

SCHEDULE A-IV-2.
PROTECTION OF LIFE, HEALTH AND PROPERTY.
1900.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
2-a POLICE DEPARTMENT	\$200.01	\$.....	\$112,000.00	\$119,891.79	\$.....
2-b FIRE DEPARTMENT:—					
Salaries and General Expenses	536.61	.....	78,000.00	78,520.75	.....
2-c FIRE AND POLICE TELEGRAPH					
2-d COURTS:— Fines — Police Department	6,711.69	.....		
2-e HEALTH DEPARTMENT:—					
Salaries and General Expenses .....		.....	21,500.00	23,386.48	.....
Contagious Diseases .....		.....	
Isolation Hospital .....		.....	
Commonwealth of Mass, etc. ....		.....	
Inspector of Milk and Vinegar .....		.....	
Inspector of Provisions — Salaries, etc. ....		.....	
2-f CEMETERIES AND CREMATORIES:—					
Salaries and Labor, General Expenses, ... }	9,332.03	.....	16,500.00	24,891.44	.....
From Burials, etc.					4,691.30
Sales of Lands and Lots		4,758.00			341.34
Rural Cemetery — Purchase of Land			345.00		
Interest on Deposits for Perpetual Care	543.00	.....		817.47	
Interest on Cemetery Funds for Perpetual Care — held as Cash in Treasury — 6%	*1,436.86	.....		1,162.39	
2-g INSPECTORS:— Superintendent of Buildings.		.....		
Sealer of Weights and Measures	221.36	.....		
2-h MILITIA AND ARMORIES:—					
Armories and Military Properties .....		.....	2,500.00	2,897.27	.....
Commonwealth of Mass.	500.00	.....		
2-j MISCELLANEOUS:— License Commission .....		.....	1,000.00	591.87	.....
Total Protection of Life, Health and Property	\$19,481.56	\$4,758.00	\$231,845.00	\$252,159.46	\$5,082.64

* This amount should be the same each year, viz.: \$1,604.10 — 6% on \$26,734.86.

SCHEDULE A-IV-3.
PUBLIC CHARITY AND CORRECTION.
1900.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
3-a HOSPITALS.....	\$.....	\$.....	\$.....	\$.....	\$.....
3-b INSANE:— Outside Aid — Care of Insane..... (included under 3-e).	.....	.....	.....	.....	.....
3-c HOUSES — for Children, Aged, Deaf, Dumb, Blind, etc.....	.....	.....	.....	.....	.....
3-d ALMSHOUSES:— (Maintenance included under 3-e). *Alterations and Repairs.....	.....	300.00	9,000.00	.....	9,267.05
3-e OUT-DOOR RELIEF:— Overscers of the Poor Dept. Salaries and General Expense, Outside Aid { and Maintenance of Almshouse.....}	8,678.56	.....	53,000.00	61,638.49	.....
3-f LODGING HOUSES.....	.....	.....	.....	.....	.....
3-g PRISONS AND REFORMATORIES.....	.....	.....	.....	.....	.....
3-h WORKHOUSES.....	.....	.....	.....	.....	.....
3-j MISCELLANEOUS:— State Aid, Soldiers' Relief, Military Aid { and Burial of Soldiers.....} Pingree System.....	12,419.25	.....	10,000.00 1,200.00	23,396.73 899.32	.....
Total Public Charity and Correction.....	\$21,097.81	\$300.00	\$73,200.00	\$85,935.54	\$9,267.05

* Part of this amount should be included in ordinary disbursements.

SCHEDULE A-IV-4.
PUBLICWAYS AND WASTES.
1900.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
4-a ADMINISTRATION:— Engineering Dept.....	\$55.55	\$.....	\$9,377.00	\$9,353.03	\$.....
Salaries—Supt. of Streets and Office.....					
4-b MAINTENANCE & REPAIRS OF STS.:— Labor, Concrete, Stone, etc.....	27,494.85		141,000.00	83,024.10	
4-c OPENING, GRADING & WIDENING STS.:— Land Damages.....			13,680.46		18,862.59
Street Construction.....			*		87,626.48
Grade Crossings.....					
4-d STREET PAVING:— Rebuilding Streets.....					
Maintenance.....					
4-e SIDEWALKS:— Paving — Edgestones and Sidewalks.....					
Paving — Crossings and Repairs.....					
4-f STREET LIGHTING:— General.....			50,000.00	53,772.13	
4-g STREET CLEANING:— Street Cleaning Div. (Less Snow Removal).....					
4-h SNOW REMOVAL:— Street Cleaning.....					
4-j STREET SPRINKLING:— Street Watering.....					

SCHEDULE A-IV-4 — Continued.

4-k REFUSE COLLECTION AND DISPOSAL:— Overseers of Poor — House Offal .....	.....	.....	.....	.....	.....
Collection of Ashes .....	.....	.....	.....	.....	.....
4-l SEWERS AND SEWAGE DISPOSAL:— Sewer Dept. — Construction .....	.....	7,750.00	.....	.....	10,224.85
Sewer Dept. — Improved Sewerage .....	.....	12,000.00	.....	15,092.73	.....
Sewer Dept. — Maintenance	6,302.84	.....	.....	.....	.....
Sewer Dept. — Permits.....	230.00	.....	.....	.....	.....
4-m RIVERS, HARBORS AND WATERWAYS:— Dredging .....	.....	1,500.00	.....	3,945.16	.....
4-n BRIDGES:— New Bedford and Fairhaven Bridge.....	.....	1,500.00	.....	1,834.51	.....
Coggeshall Street Bridge.....	.....	200.00	.....	504.92	.....
4-o MISCELLANEOUS:— Damages to Persons and Personal Property .....	.....	.....	.....	1,188.94	.....
Court judgments .....	.....	.....	.....	.....	.....
Claims .....	.....	.....	.....	.....	.....
Engineering Dept. — Bound Stones .....	.....	.....	.....	.....	.....
Total Public Ways and Wastes.....	\$34,072.74	\$	\$237,007.46	\$168,655.52	\$116,713.92

* Appropriation 4-b.

SCHEDULE A-IV-5.

PUBLIC INDUSTRIES AND INVESTMENTS.

1900.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
5-a WATER WORKS:—					
Construction.....	\$.....	\$6,614.43	\$.....	\$.....	\$19,806.95
Maintenance.....	.....	.....	.....	48,559.92	.....
Rates, Fines (Less Abatements).....	103,939.46	.....	.....	.....	.....
Water Used for Public Purposes.....	12,000.00	.....	.....	.....	.....
Miscellaneous.....	1,771.08	.....	.....	.....	.....
FURTHER WATER SUPPLY:—					
Construction.....	.....	4,428.06	.....	.....	47,444.71
Miscellaneous.....	75.00	.....	.....	.....	.....
5-b DOCKS AND WHARVES:—					
Maintenance.....	.....	.....	.....	781.32	.....
Wharfage, Rents, etc.....	4,157.52	.....	.....	.....	.....
5-c CITY REAL ESTATE:—					
Rent of Land and Buildings.....	312.50	.....	.....	.....	.....
Sale of Buildings, etc.....	364.76	.....	.....	.....	.....
5-d MISCELLANEOUS					
	\$122,610.31	\$11,042.49	\$.....	\$49,341.24	\$67,251.66
Total Public Industries and Investments....					

PUBLIC EDUCATION.

\$98,309.28

SCHEDULE A-IV-7.
PUBLIC ART AND RECREATION.
1900.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
7-a PARKS:—					
Construction Account.....	\$.....	\$.....		\$.....	\$.....
General Account.....	83 87	.....	15,000.00	20,579.03	.....
Shade Trees.....	.....	.....	.....	.....	.....
7-b BATHS:—					
Construction.....	.....	.....	.....	.....	250.30
Maintenance.....	54.48	.....	.....	524.18	.....
7-c CELEBRATIONS:—					
Fourth of July.....	.....	.....	.....	1,091.15	.....
Labor Day.....	.....	.....	.....	.....	.....
Memorial Day.....	.....	.....	.....	741.82	.....
Band Concerts.....	.....	.....	.....	.....	.....
7-d MISCELLANEOUS.....	.....	.....	.....	.....	.....
Total Public Art and Recreation.	\$138.35	\$.....	\$15,000.00	\$22,936.18	\$250.30

SCHEDULE A-IV-8.
PUBLIC INDEBTEDNESS.
1900.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
8-a RECEIPTS FROM LOANS:— (not including Temporary Tax Loans).					
Improvement.....	\$.....	\$.....	\$.....	\$.....	\$.....
Schoolhouse.....		200,000.00			
Sewer.....					
Water.....		48,000.00			
8-b PAYMENTS TO SINKING FUNDS:—					
General.....					
Water Works (from Dept. Receipts).....			102,764.07	102,764.07	
Dept. of Wharves " ".....				28,000.00	
				1,040.00	
8-c DIRECT PAYMENT OF MATURED DEBT:— (not from Sinking Fund).					
Improvement Bonds from Tax Levy.....			*		10,000.00
Water Bonds from Dept. Receipts.....					32,000.00
8-d FLOATING DEBT TRANSACTIONS:—					
Excess of Temporary Loans of year over amount repaid (see Schedule A-VI-a).....		200,000.00			
Payment of Temporary Loans unpaid at close of previous fiscal year.....					180,000.00
8-e MISCELLANEOUS:—					
Premium Account.....	14,245.28				
Total Public Indebtedness.....	\$14,245.28	\$448,000.00	\$102,764.07	\$131,804.07	\$222,000.00

* Appropriation 9-c.

SCHEDULE A-IV-9.
PUBLIC INTEREST.
1900.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
9-a INTEREST ON FUNDS ON DEPOSIT:—					
Interest on Bank Deposits.....	\$1,798.59	\$.....	\$.....	\$.....	\$.....
9-b INTEREST ON DELINQUENT TAXES, &c:—					
Interest on Sewer Assessments.....	45.00	.....	.....	.....	.....
" Sidewalk ".....	3,634.65	.....	.....	.....	.....
" Overdue Taxes.....	68.38	.....	.....	.....	.....
" Betterments.....		.....	.....	.....	.....
9-c PAYMENTS OF INTEREST ON DEBT:—					
On Bonded Debt.....	.....	.....	186,935.00	{ 81,245.00	.....
On Bonded Debt (Water Bonds).....	.....	.....	.....	{ 67,400.00	.....
On Bonded Debt (Water Bonds).....	.....	.....	.....	5,000.00	.....
(from Dept. Receipts).....	.....	.....	.....	.....	.....
On Bonded Debt (Wharf Bonds).....	.....	.....	.....	2,080.00	.....
(from Dept. Receipts).....	.....	.....	.....	.....	.....
On Temporary Loans.....	.....	.....	.....	20,478.11	.....
9-d MISCELLANEOUS INTEREST:—					
Interest on Trust Funds.....	.....	.....	*	6,786.00	.....
Accrued Interest.....	1,756.53	.....	.....	.....	.....
†Interest on Cemetery Funds held by Treasurer as Cash.....	.....	.....	.....	1,436.86	.....
Total Public Interest.....	\$7,203.15	\$.....	\$186,935.00	\$184,425.97	\$.....

* Appropriation 9-c.

† This amount should be the same each year, viz.: \$1,004.10 = 6% on \$26,734.83.

SCHEDULE A-IV-10.

TAXATION.

1900.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
10-a REAL PROPERTY TAXES:—					
Taxes — State, County and City	\$979,400.83	\$		\$	\$
Taxes — previous years.	53,601.19				
Abatements, etc					
Tax Titles	892.14			296.13	
10-b PERSONAL PROPERTY TAXES					
(included in 10-a).					
10-c POLL TAXES (included in 10-a).					
10-d OTHER TAXES:—Corporation Tax	62,206.82			1,188.87	
Bank Tax	37,114.29			35,075.37	
Tax on Foreign Ships	155.94				
10-e LIQUOR LICENSES.	83,731.00			20,932.75	
10-f OTHER LICENSES:— Milk Licenses.	178.00				
Pedlars' Licenses.	275.00				
Board of Health Licenses.	37.50				
Dog Licenses	2,612.85				
10-g FRANCHISE TAXES (ORDINARY):—					
Street Railway Tax — State.	7,264.61				
Street Railway Tax — Excise.	4,912.62				
10-h FRANCHISE RIGHTS (EXTRAORDINARY)					
10-j MISCELLANEOUS:—					
State, County and Armory Tax.				126,927.80	
Total Taxation	\$1,232,380.79	\$	\$	\$183,320.42	\$

SCHEDULE A-IV-11.
SPECIAL ASSESSMENTS.
1900.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
11-a ASSESSMENTS FOR LAYING OUT, OPENING AND WIDENING STREETS:— Betterments — Streets.		\$7,482.96			
11-b ASSESSMENTS FOR PAVING STREETS.					
11-c ASSESSMENTS FOR SIDEWALKS.					
11-d ASSESSMENTS FOR STREET CLEANING.					
11-e ASSESSMENTS FOR STREET SPRINKLING.					
11-f ASSESSMENTS FOR STREET LIGHTING.					
11-g ASSESSMENTS FOR GARBAGE COLLECTION, &c.					
11-h ASSESSMENTS FOR SEWERS.					
11-j ASSESSMENTS FOR PARKS.		3,058.14			
11-k OTHER SPECIAL ASSESSMENTS.					
Total Special Assessments.		\$10,541.10			

SCHEDULE A-IV-12.

UNCLASSIFIED.

(Not included elsewhere).

1900.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
12-a CONTINGENT FUND:—					
*Incidentals.....			\$30,000.00	\$29,881.04	
12-b MISCELLANEOUS:—					
Water Used for Public Purposes.....			12,000.00	12,000.00	
Total Unclassified.....			\$42,000.00	\$41,881.04	

* This disbursement is properly chargeable to various departments on the foregoing Schedules.

SCHEDULE A-IV-1.
GENERAL GOVERNMENT.
1901.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
1-a MAYOR'S DEPARTMENT.....	\$.....	\$.....	\$.....	\$.....	\$.....
1-b COUNCILS:—					
City Messenger's Dept.....	.....	.....	.....	.....	.....
Clerk of Committees.....	.....	.....	.....	.....	.....
City Council's Expenses.....	.....	.....	.....	.....	.....
City Clerk's Dept.....	1,959.35	.....	.....	.....	.....
1-c LAW DEPARTMENT.....	.....	.....	.....	.....	.....
1-d FINANCE:—					
Auditor's Dept.....	.....	.....	.....	.....	.....
Assessing Dept.....	.....	.....	6,500.00	6,495.72	.....
Treasurer's (and Collector).....	354.48	.....	.....	.....	.....
Sinking Fund Officials.....	.....	.....	.....	.....	.....
1-e ELECTIONS:—					
General Expenses.....	.....	.....	4,500.00	4,025.86	.....
City Clerk.....	.....	.....	.....	.....	.....
Registrars of Voters.....	.....	.....	.....	.....	.....
1-f CITY HALL:—					
City Buildings Account.....	.....	.....	6,500.00	6,928.48	.....
1-g MISCELLANEOUS:—					
Printing, Binding and Stationery.....	.....	.....	3,000.00	2,604.02	.....
*Salaries.....	.....	.....	24,895.00	25,811.67	.....
Total General Government.....	\$2,318.83	\$.....	\$45,395.00	\$45,865.75	\$.....

* Should be distributed.

SCHEDULE A-IV-2.
PROTECTION OF LIFE, HEALTH AND PROPERTY:
1901.

	RECEIPTS.		APPROPRIA- TIONS	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
2-a POLICE DEPARTMENT	\$566.99	\$.....	\$112,000.00	\$113,457.88	\$.....
2-b FIRE DEPARTMENT:—					
Salaries and General Expenses	739.40	.....	78,000 00	78,737.83	.....
2-c FIRE AND POLICE TELEGRAPH.					
2-d COURTS:— Fines — Police Department	5,655.34	.....		
2-e HEALTH DEPARTMENT:—					
Salaries and General Expenses			20,800.00	21,817.59	.....
Contagious Diseases	1,259.00	.....	23,000.00	22,818.68	.....
Isolation Hospital					
Commonwealth of Mass, etc.					
Inspector of Milk and Vinegar					
Inspector of Provisions — Salaries, etc.					
Laboratory			1,200.00		232.52
2-f CEMETERIES AND CREMATORIES:—					
Salaries and Labor, General Expenses, } From Burials, etc.	8,638.14	.....	17,000.00	25,491.33	.....
Sales of Lands and Lots		4,132.00			4,572.36
Interest on Deposits for Perpetual Care	816.97	.....		986.05	.....
Interest on Cemetery Funds for Perpetual Care — held as Cash in Treasury — 6%	*1,521.88	.....		1,342.80	.....
INSPECTORS:— Superintendent of Buildings. Sealer of Weights and Measures	114.02	.....		
2-g MILITIA AND ARMORIES:—					
Armories and Military Properties			3,000.00	3,124.88	.....
Commonwealth of Mass.	600.00	.....		
2-j MISCELLANEOUS:— License Commission			1,000.00	638.25	.....
Total Protection of Life, Health and Property	\$19,930.74	\$4,132.00	\$256,000.00	\$268,324.79	\$4,804.88

* This amount should be the same each year, viz.: \$1,604.10 — 10% on \$36,734.93.

SCHEDULE A-IV-3.
PUBLIC CHARITY AND CORRECTION.
1901.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
3-a HOSPITALS:— Woman's Ward and Hospital.	\$.....	\$.....	\$15,160.68	\$.....	\$512.68
3-b INSANE:— Outside Aid — Care of Insane (included under 3-e). ....	.....	.....	.....	.....	.....
3-c HOUSES — for Children, Aged, Deaf, Dumb, Blind, etc. ....	.....	.....	.....	.....	.....
3-d ALMSHOUSES:— (Maintenance included under 3-e). ....	.....	.....	.....	.....	.....
3-e OUT-DOOR RELIEF:— Overseers of the Poor Dept. Salaries and General Expense, Outside Aid and Maintenance of Almshouse.	9,735.91	.....	55,000 00	66,781.99	.....
3-f LODGING HOUSES. ....	.....	.....	.....	.....	.....
3-g PRISONS AND REFORMATORIES. ....	.....	.....	.....	.....	.....
3-h WORKHOUSES. ....	.....	.....	.....	.....	.....
3-j MISCELLANEOUS:— State Aid, Soldiers' Relief, Military Aid and Burial of Soldiers. Pingree System.	13,136.82	.....	10,000.00 1,200.00	25,344.68 1,289.12	.....
Total Public Charity and Correction.	\$22,872.73	\$.....	\$81,360.68	\$93,415.79	\$512.68

SCHEDULE A-IV-4.
PUBLIC WAYS AND WASTES.
1901.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
4-a ADMINISTRATION:— Engineering Dept..... Salaries—Supt. of Streets and Office.....	\$6.91	.....	\$10,000.00	\$10,621.52	\$.....
4-b MAINTENANCE & REPAIRS OF STS.:— Labor, Concrete, Stone, etc.....	31,953.80	.....	155,000.00	98,853.07	.....
4-c OPENING, GRADING & WIDENING STS.:— Land Damages..... Street Construction..... Grade Crossings.....	.....	.....	6,514.00	.....	6,613.05
4-d STREET PAVING:— Rebuilding Streets..... Maintenance.....	.....	.....	*	.....	97,152.15
4-e SIDEWALKS:— Paving — Edgestones and Sidewalks..... Paving — Crossings and Repairs.....	.....	.....	.....	.....	.....
4-f STREET LIGHTING:— General.....	.....	.....	55,000.00	52,337.77	.....
4-g STREET CLEANING:— Street Cleaning Div. (Less Snow Removal)...	.....	.....	.....	.....	.....
4-h SNOW REMOVAL:— Street Cleaning.....	.....	.....	.....	.....	.....
4-j STREET SPRINKLING:— Street Watering.....	.....	.....	.....	.....	.....

SCHEDULE A-IV-4 — Continued.

4-k REFUSE COLLECTION AND DISPOSAL:—	.....	.....	.....	.....	.....
Overseers of Poor — House Offal .....	.....	.....	.....	.....	.....
Collection of Ashes .....	.....	.....	.....	.....	.....
4-l SEWERS AND SEWAGE DISPOSAL:—	.....	.....	.....	.....	24,757.84
Sewer Dept — Construction .....	.....	.....	20,400.00	.....	.....
Sewer Dept. — Improved Sewerage .....	.....	.....	.....	.....	.....
Sewer Dept. — Maintenance .....	.....	.....	17,000.00	.....	17,089.01
Sewer Dept. — Permits.....	.....	.....	.....	.....	.....
4-m RIVERS, HARBORS AND WATERWAYS:—	.....	.....	.....	.....	.....
Dredging .....	.....	.....	.....	.....	.....
4-n BRIDGES:—	.....	.....	.....	.....	.....
New Bedford and Fairhaven Bridge	816.22	.....	.....	89.73	.....
Coggeshall Street Bridge.....	.....	.....	600.00	.....	.....
4-o MISCELLANEOUS:—	.....	.....	.....	.....	.....
Damages to Persons and Personal Property .....	.....	.....	.....	.....	.....
Court judgments .....	.....	.....	.....	90.32	.....
Claims .....	.....	.....	.....	.....	.....
Engineering Dept. — Bound Stones .....	.....	.....	.....	.....	.....
Total Public Ways and Wastes.....	\$41,126.30	\$.....	\$264,514.00	\$179,081.42	\$128,523.04

* Appropriation 4-b.

SCHEDULE A-IV-5.

PUBLIC INDUSTRIES AND INVESTMENTS.

1901.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
5-a WATER WORKS:—					
Construction.....	\$.....	\$6,949.03	\$.....	\$.....	\$22,449.23
Maintenance.....	.....	.....	.....	36,107.59	.....
Rates, Fines (Less Abate- ments).....	107,661.64	.....	.....	.....	.....
Water Used for Public Pur- poses.....	12,000.00	.....	.....	.....	.....
Miscellaneous.....	619.87	.....	.....	.....	.....
FURTHER WATER SUPPLY:—					
Construction.....	.....	.....	.....	.....	13,568.74
Miscellaneous.....	.....	.....	.....	.....	.....
5-b DOCKS AND WHARVES:—					
Maintenance.....	.....	.....	.....	2,754.13	.....
Wharfage, Rents, etc.....	4,131.61	.....	.....	.....	.....
5-c CITY REAL ESTATE:—					
Rent of Land and Build- ings.....	357.76	.....	.....	.....	.....
5-d MISCELLANEOUS.....	.....	.....	.....	.....	.....
Total Public Industries and Investments.....	\$124,670.88	\$6,949.03	\$.....	\$38,861.72	\$36,017.07

SCHEDULE A-IV-6.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
6-a PUBLIC SCHOOLS:—Tuition, etc.....					
General Expenses.....	\$1,055.28	\$.....	\$.....	13,500.00	\$.....
Incidentals.....				66,390.43	
Salaries of Teachers.....				151,985.93	
Jona. Bourne Prize Fund — Interest.....	60.00			60.00	
Sylvia Ann Howland Fund — Interest.....	3,000.00			2,933.00	
Income from Dog Licenses.....				565.04	
New Schoolhouse and Lot — Coggeshall St.....					37,759.20
“ “ Shawmut Ave.....					13,870.81
“ “ Blackmer St.....					41,947.63
Plans, Furnishings, etc., on the above (3 schools).....					15,093.75
6-b PUBLIC LIBRARIES:—Free Public Library.....				11,875.64	
J. B. Congdon Fund Interest.....	30.00		12,000.00		
Geo. O. Crocker “.....	400.00			220.54	
Oliver Crocker “.....	60.00				
Geo. Howland, Jr. “.....	96.00			26.00	
Sylvia Ann Howland “.....	3,000.00			3,089.23	
Chas. W. Morgan “.....	60.00				
Chas. L. Wood “.....	80.00				
Reading Room Fund.....				261.26	
Income from Dog Licenses.....				1,880.44	
Fines.....					
6-c OTHER PUBLIC EDUCATION:—					
Kindergartens.....					
Textile School.....			7,000.00	7,000.00	
6-d MISCELLANEOUS PUBLIC EDUCATION..					
Total Public Education.....	\$7,841.28	\$.....	\$204,933.75	\$259,787.51	\$108,671.39

SCHEDULE A-IV-7.
PUBLIC ART AND RECREATION.
1901.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
7-a PARKS:—					
Construction Account.....	\$.....	\$.....	\$.....	\$.....	\$.....
General Account.....	44.07	.....	18,000.00	23,011.63	.....
South End Park.....	.....	.....	28,000.00	.....	28,000.00
Shade Trees.....	.....	.....	.....	.....	.....
7-b BATHS:—					
Construction, etc.....	.....	.....	.....	.....	101.28
Maintenance.....	.....	.....	.....	712.04	.....
7-c CELEBRATIONS:—					
Fourth of July.....	.....	.....	1,200.00	1,123.54	.....
Labor Day.....	.....	.....	.....	.....	.....
Memorial Day.....	.....	.....	.....	847.00	.....
Band Concerts.....	.....	.....	.....	.....	.....
7-d MISCELLANEOUS.....					
Total Public Art and Recreation.....	\$44.07	\$.....	\$47,200 00	\$25,694 21	\$28,101.28

SCHEDULE A-IV-8.
PUBLIC INDEBTEDNESS.
1901.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
8-a RECEIPTS FROM LOANS:— (not including Temporary Tax Loans). Improvement..... Schoolhouse..... Sewer..... Water.....	\$.....	\$.....	\$.....	\$.....	\$.....
8-b PAYMENTS TO SINKING FUNDS:— General..... Water Works (from Dept. Receipts)..... Dept. of Wharves "..... ".....	101,589.70	101,589.70 28,000.00 1,040.00	...............
8-c DIRECT PAYMENT OF MATURED DEBT:— (not from Sinking Fund). Improvement Bonds from Tax Levy..... Water Bonds from Dept. Receipts..... ".....	*.....	10,000.00 30,000.00
8-d FLOATING DEBT TRANSACTIONS:— Excess of Temporary Loans of year over amount repaid (see Schedule A-VI-a)..... Payment of Temporary Loans unpaid at close of previous fiscal year..... ".....	475,000.00 ..... .....	..... ..... .....	..... ..... .....	..... 200,000.00
8-e MISCELLANEOUS:— Premium Account..... Total Public Indebtedness.....	\$..... \$.....	\$475,000.00 \$.....	\$101,589.70 ..... \$.....	..... ..... \$130,629.70	..... ..... \$240,000.00

* Appropriation 9-c.

SCHEDULE A-IV-9.

PUBLIC INTEREST.
1901.

	ORDINARY.		APPROPRIATIONS.	EXTRAORDINARY.	
	Receipts.	Disbursements.		Receipts.	Disbursements.
9-a INTEREST ON FUNDS ON DEPOSIT:—					
Interest on Bank Deposits.....	\$1,740 83	\$.....	\$.....	\$.....	\$.....
9-b INTEREST ON DELINQUENT TAXES, ETC					
Interest on Sewer Assessments.....	129.95	.....	.....	.....	.....
" Sidewalk.....	3,572 96	.....	.....	.....	.....
" Overdue Taxes.....	227.77	.....	.....	.....	.....
" Betterments.....		.....	.....	.....	.....
9-c PAYMENT OF INTEREST ON DEBT:—					
On Bonded Debt.....		.....	184,855.00	{ 82,185.00	.....
On Bonded Debt (Water Bonds).....		.....		{ 66,420.00	.....
On Bonded Debt (Water Bonds) (from Dept. Receipts)		.....		5,000.00	.....
On Bonded Debt (Wharf Bonds) (from Dept. Receipts)		.....		2,080.00	.....
On Temporary Loans.....		.....		21,804.70	.....
9-d MISCELLANEOUS INTEREST:—					
Interest on Trust Funds.....		.....	*	6,786.00	.....
Accrued Interest.....		.....		.....	.....
†Interest on Cemetery Funds held by Treasurer as Cash.....		.....		1,521.88	.....
Total Public Interest.....	\$5,671.51	\$.....	\$184,855.00	\$185,797.58	\$.....

*Appropriation 9-c. †The amount should be the same each year, viz \$1,604.10 = 6'' on \$30,754.93.

SCHEDULE A-IV-10.
TAXATION.
1901.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
10-a REAL PROPERTY TAXES:—					
Taxes — State, County and City	\$1,044,145.27	\$	\$	\$	\$
Taxes — previous years	61,890.25	.....	.....	.....	.....
Abatements, etc. ....	.....	.....	.....	.....	.....
Tax Titles	587.92	.....	.....	.....	.....
10-b PERSONAL PROPERTY TAXES.....	.....	.....	.....	.....	.....
(included in 10-a).	.....	.....	.....	.....	.....
10-c POLL TAXES (included in 10-a) .....	.....	.....	.....	.....	.....
10-d OTHER TAXES:—Corporation Tax	60,862.82	.....	.....	.....	.....
Bank Tax	37,985.40	.....	.....	35,094.42	.....
Tax on Foreign Ships	35.02	.....	.....	.....	.....
10-e LIQUOR LICENSES	85,731.00	.....	.....	21,432.75	.....
10-f OTHER LICENSES:— Milk Licenses	150.00	.....	.....	.....	.....
Pedlars' Licenses	100.00	.....	.....	.....	.....
Board of Health Licenses	14.00	.....	.....	.....	.....
Dog Licenses	2,912.05	.....	.....	.....	.....
10-g FRANCHISE TAXES (ORDINARY):—					
Street Railway Tax — State	10,614.34	.....	.....	.....	.....
Street Railway Tax — Excise	4,870.44	.....	.....	.....	.....
10-h FRANCHISE RIGHTS (EXTRAORDINARY)					
10-j MISCELLANEOUS:—					
State, County and Armory Tax .....	.....	.....	.....	123,991.99	.....
Total Taxation	\$1,309,998.54	\$	\$	\$180,519.16	\$

SCHEDULE A-IV-11.
SPECIAL ASSESSMENTS.
1901.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
11-a ASSESSMENTS FOR LAYING OUT, OPENING AND WIDENING STREETS:— Betterments — Streets.		\$3,313.00			
11-b ASSESSMENTS FOR PAVING STREETS.....					
11-c ASSESSMENTS FOR SIDEWALKS.....					
11-d ASSESSMENTS FOR STREET CLEANING.....					
11-e ASSESSMENTS FOR STREET SPRINKLING....					
11-f ASSESSMENTS FOR STREET LIGHTING..					
11-g ASSESSMENTS FOR GARBAGE COLLECTION, &c.					
11-h ASSESSMENTS FOR SEWERS.....		2,489.75			
11-j ASSESSMENTS FOR PARKS.....					
11-k OTHER SPECIAL ASSESSMENTS.....					
Total Special Assessments.....		\$5,802.75			

SCHEDULE A-IV-12.

UNCLASSIFIED.

(Not included elsewhere).
1901.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
12-a CONTINGENT FUND:—					
*Incidentals.....			\$42,000.00	\$43,307.49	
12-b MISCELLANEOUS:—					
Water Used for Public Purposes.....			12,000.00	12,000.00	
Total Unclassified.....			\$54,000.00	\$55,307.49	

* This disbursement is properly chargeable to various departments on the foregoing Schedules.

SCHEDULE A-IV-I.
GENERAL GOVERNMENT.
1902.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
1-a MAYOR'S DEPARTMENT.....	\$	\$	\$	\$	\$
1-b COUNCILS:—					
City Messenger's Dept.....	.....	.....	.....	.....	.....
Clerk of Committees.....	.....	.....	.....	.....	.....
City Council's Expenses.....	.....	.....	.....	.....	.....
City Clerk's Dept.....	1,848.64	.....	.....	.....	.....
1-c LAW DEPARTMENT.....	.....	.....	.....	.....	.....
1-d FINANCE:—					
Auditor's Dept.....	.....	.....	.....	.....	.....
Assessing Dept.....	.....	.....	6,500.00	6,499.22	.....
Treasurer's (and Collector).....	337.41	.....	.....	.....	.....
Sinking Fund Officials.....	.....	.....	.....	.....	.....
1-e ELECTIONS:—					
General Expenses.....	.....	.....	4,200.00	4,370.01	.....
City Clerk.....	.....	.....	.....	.....	.....
Registrars of Voters.....	.....	.....	.....	.....	.....
1-f CITY HALL:—					
City Buildings Account.....	.....	.....	6,500.00	9,639.42	.....
1-g MISCELLANEOUS:—					
Printing, Binding and Stationery.....	.....	.....	3,000.00	3,520.39	.....
*Salaries.....	.....	.....	26,096.00	26,562.83	.....
Total General Government.....	\$2,006.05	\$	\$46,203.00	\$50,501.87	\$

* Should be distributed.

SCHEDULE A-IV-2.

PROTECTION OF LIFE, HEALTH AND PROPERTY.
1902.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
2-a POLICE DEPARTMENT.....	\$2,048.34	\$.....	\$112,000.00	\$117,498.27	\$.....
2-b FIRE DEPARTMENT:—					
Salaries and General Expenses.....	723 50	.....	83,500.00	84,026 45	.....
2-c FIRE AND POLICE TELEGRAPH.....					
2-d COURTS:—Fines—Police Dept.....	6,098.81	.....		
2-e HEALTH DEPARTMENT:—					
Salaries and General Expenses.....		.....	27,538 10	28,500.92	.....
Contagious Diseases.....	2,470.87	.....	7,700 00	8,702.91	.....
Isolation Hospital.....		.....		
Commonwealth of Mass., etc.....		.....		
Inspector of Milk and Vinegar.....		.....		
Inspector of Provisions — Salaries, etc.....		.....		
2-f CEMETERIES AND CREMATORIES:—					
Salaries and Labor, General Expenses, From Burials, etc.....	8,437.24	.....	20,000.00	28,257.74	.....
Sales of Lands and Lots.....		3,956.00			3,331.60
Interest on Deposits for Perpetual Care.—held as Cash in Treasury—6%.....	986.05	.....		1,366.23	.....
Interest on Cemetery Funds for Perpetual Care.—held as Cash in Treasury—6%.....	*1,611.72	.....		1,131.54	.....
2-g INSPECTORS:—Superintendent of Buildings Sealer of Weights and Measures.....	244.26	.....		
2-h MILITIA AND ARMORIES:—					
Armories and Military Properties.....		.....	3,000.00	3,003.46	.....
Rifle Range.....		.....	1,000.00		995.50
Commonwealth of Mass.....	600.00	.....		
2-j MISCELLANEOUS:—License Commission.....		.....	1,000.00	593.91	.....
Total Protection of Life, Health and Property.....	\$23,720.79	\$3,056.00	\$255,736.10	\$273,081.43	\$4,327.10

* This amount should be the same each year, viz.: \$1,604.10 = 6' on \$26,734.98.

SCHEDULE A-IV-3.
PUBLIC CHARITY AND CORRECTION.
1902.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
3-a HOSPITALS:— Woman's Ward and Hospital.....	\$.....	\$.....	\$.....	\$.....	\$9,463.01
3-b INSANE:— Outside Aid—Care of Insane..... (included under 3-e).	.....	.....	.....	.....	.....
3-c HOUSES— for Children, Aged, Deaf, Dumb, Blind, etc.....	.....	.....	.....	.....	.....
3-d ALMSHOUSES:— (Maintenance included under 3-e). Addition to Kitchen.....	.....	.....	4,065.00	.....	1,803.56
3-e OUT-DOOR RELIEF:— Overseers of the Poor Dept., Salaries and General Expense, Outside Aid and Maintenance of Almshouse.....	9,589.16	.....	64,000.00	72,197.97	.....
3-f LODGING HOUSES.....	.....	.....	.....	.....	.....
3-g PRISONS AND REFORMATORIES.....	.....	.....	.....	.....	.....
3-h WORKHOUSES.....	.....	.....	.....	.....	.....
3-j MISCELLANEOUS:— State Aid, Soldiers' Relief, Military Aid and Burial of Soldiers..... Pingree System.....	13,841.73	.....	11,500.00 1,200.00	28,626.28 1,178.90	.....
Total Public Charity and Correction.....	\$23,430.89	\$.....	\$80,785.00	\$102,003.10	\$11,266.57

SCHEDULE A-IV-4.
PUBLIC WAYS AND WASTES.
1902.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
4-a ADMINISTRATION:— Engineering Dept.	\$71.65	\$.....1	\$10,000.00	\$9,989.97	\$.....
Salaries—Supt. of Streets and Office.....					
4-b MAINTENANCE & REPAIRS OF STS.:— Labor, Concrete, Stone, etc.	32,378.67		155,000.00	98,288.38	
Tide Investigation.....					172.80
4-c OPENING, GRADING & WIDENING STS.:— Land Damages.....					3,860.63
Street Construction.....			*		84,781.86
Grade Crossings.....					
4-d STREET PAVING:— Rebuilding Streets.....					
Maintenance.....					
Block Paving So. Water St.....			15,000.00		15,000.00
4-e SIDEWALKS:— Paving — Edgestones and Sidewalks.....					
Paving — Crossings and Repairs.....					
4-f STREET LIGHTING:— General.....					
4-g STREET CLEANING:— Street Cleaning Div. (Less Snow Removal) ..			60,000.00	56,773.49	
4-h SNOW REMOVAL:— Street Cleaning.....					

SCHEDULE A-IV-4 — Continued.

4-j STREET SPRINKLING:— Street Watering .....	.....	.....	.....	.....	.....
4-k REFUSE COLLECTION AND DISPOSAL:— Overseers of Poor — House Offal .....	.....	.....	.....	.....	.....
Collection of Ashes .....	.....	.....	.....	.....	.....
4-l SEWERS AND SEWAGE DISPOSAL:— Sewer Dept — Construction .....	.....	29,499.00	.....	.....	29,506.93
Sewer Dept. — Improved Sewerage .....	.....	.....	.....	.....	.....
Sewer Dept. — Maintenance	11,846.98	17,000.00	.....	18,993.10	.....
Sewer Dept. — Permits	450.00	.....	.....	.....	.....
4-m RIVERS, HARBORS AND WATERWAYS:— Dredging .....	.....	.....	.....	.....	.....
4-n BRIDGES:— New Bedford and Fairhaven Bridge .....	.....	.....	.....	.....	.....
Coggeshall Street Bridge .....	.....	600.00	.....	193.10	.....
Coggeshall Street Bridge Repairs .....	.....	5,500.00	.....	.....	.....
4-o MISCELLANEOUS:— Damages to Persons and Personal Property .....	.....	.....	.....	.....	.....
Court Judgments .....	.....	.....	.....	4,364.60	.....
Claims .....	.....	.....	.....	.....	.....
Engineering Dept. — Bound Stones .....	.....	.....	.....	.....	.....
Total Public Ways and Wastes	\$14,746.30	\$295,097.80	\$	\$189,002.64	\$133,122.22

* Appropriation 4-b.

SCHEDULE A-IV-5.

PUBLIC INDUSTRIES AND INVESTMENTS.

1902.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
5-a WATER WORKS:—					
Construction.....	\$	\$10,697.98	\$	\$	\$27,564.58
Maintenance.....	112,174.44	.....	.....	39,387.44	.....
Rates, Fines (Less Abatements).....	12,000.00	.....	.....	.....	.....
Water Used for Public Purposes.....	1,785.32	.....	.....	.....	.....
Miscellaneous .....	.....	7,500.00	.....	.....	.....
New Bedford and Fairhaven Bridge Award.....	.....	.....	.....	.....	.....
FURTHER WATER SUPPLY:—					
Construction.....	.....	.....	.....	.....	143.74
Miscellaneous .....	.....	.....	.....	.....	.....
5-b DOCKS AND WHARVES:—					
Maintenance.....	.....	.....	.....	1,231.09	.....
Wharfage, Rents, etc.....	4,310.65	.....	.....	.....	.....
Land Sold.....	.....	2,480.00	.....	.....	.....
5-c CITY REAL ESTATE:—					
Rent of Land and Buildings.....	276.00	.....	.....	.....	.....
Sale of Buildings, etc.....	40.65	.....	.....	.....	.....
5-d MISCELLANEOUS.....					
Total Public Industries and Investments.....	\$130,596.96	\$20,627.98	\$	\$40,618.53	\$27,708.32

SCHEDULE A-IV-6.

PUBLIC EDUCATION.

1902.

	RECEIPTS		APPROPRIATIONS.	DISBURSEMENTS	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
6-a PUBLIC SCHOOLS:—Tuition, etc.					
General Expenses	\$1,813 80	\$	\$	\$	\$
Incidentals			11,337.06	9,919.02	
Salaries of Teachers			60,000.00	58,511.70	
Jona. Bourne Prize Fund — Interest	60.00		166,000.00	161,134.51	
Sylvia Ann Howland Fund — Interest	3,000.00			60.00	
Income from Dog Licenses				2,099.08	
New Schoolhouse and Lot — Coggeshall St.				776.89	
" " Shawmut Ave.					9,040.76
" " Blackmer St.			6,041.00		11,572.83
Schoolhouse Lot, Morgan Estate					7,305.33
Portable Schoolhouses			60,001.00		60,000.00
Plans — New School Buildings			5,700.00		
Parker Street School Improvements					2,375.57
6-b PUBLIC LIBRARIES:—Free Public Library					
J. B. Congdon — Fund Interest	30.00		40,866.61	15,549.16	
Geo. O. Crocker	400.00		15,632.69		
Oliver Crocker	60.00			842.77	
Geo. Howland, Jr.	96.00				
Sylvia Ann Howland	3,000.00			207.25	
Chas. W. Morgan	60.00			3,410.05	
Chas. L. Wood	80.00				
Reading Room Fund				230.03	
Income from Dog Licenses				471.90	
Fines					
6-c OTHER PUBLIC EDUCATION:—					
Kindergartens					
Textile School			7,000.00	7,000.00	
6-d MISCELLANEOUS PUBLIC EDUCATION:—					
Special Committee on High School					20.95
Total Public Education	\$8,599.80	\$	\$372,618.36	\$200,212.36	\$126,481.12

SCHEDULE A-IV-7.
PUBLIC ART AND RECREATION.
1902.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
7-a PARKS:—					
Construction Account.....	\$.....	\$.....	\$18,000.00	\$.....	\$18,000.00
General Account.....	52.00	476.50	25,000.00	25,501.91	.....
Shade Trees.....	140.57	.....	3,500.00	2,868.08	.....
7-b BATHS:—					
Construction.....	.....	.....	1,000.00	.....	1,110.61
Maintenance.....	308.91	.....	1,000.00	988.16	.....
7-c CELEBRATIONS:—					
Fourth of July.....	.....	.....	5,000.00	4,968.33	.....
Labor Day.....	.....	.....	.....	.....	.....
Memorial Day.....	.....	.....	.....	849.91	.....
Band Concerts.....	.....	.....	.....	.....	.....
7-d MISCELLANEOUS.....					
Total Public Art and Recreation.	\$501.48	\$476.50	\$53,500.00	\$35,174.30	\$19,110.61

SCHEDULE A-IV-8.
PUBLIC INDEBTEDNESS.
1902.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
8-a RECEIPTS FROM LOANS:— (not including Temporary Tax Loans).					
Improvement	\$	\$170,000.00	\$	\$	\$
Parks .....	.....	28,000.00	.....	.....	.....
Schoolhouse .....	.....	65,000.00	.....	.....	.....
Sewer .....	.....	30,000.00	.....	.....	.....
Water .....	.....	.....	.....	.....	.....
8-b PAYMENTS TO SINKING FUNDS:—					
General .....	.....	.....	96,279.70	108,416.30	.....
Water Works (from Dept. Receipts) .....	.....	.....	.....	28,000.00	.....
Dept. of Wharves " .....	.....	.....	.....	1,040.00	.....
8-c DIRECT PAYMENT OF MATURED DEBT:— (not from Sinking Fund).					
Improvement Bonds from Tax Levy .....	.....	.....	*	.....	10,000.00
Water Bonds from Dept. Receipts .....	.....	.....	.....	.....	30,000.00
8-d FLOATING DEBT TRANSACTIONS:—					
Excess of Temporary Loans of year over amount repaid (see Schedule A-VI-a) .....	.....	400,000.00	.....	.....	.....
Payment of Temporary Loans unpaid at close of previous fiscal year .....	.....	.....	.....	.....	475,000.00
Notes issued to purchase lot on County St., for site for proposed new High School .....	.....	60,000.00	.....	.....	.....
8-e MISCELLANEOUS:—					
Premium Account	12,136.60	.....	.....	.....	.....
Total Public Indebtedness	\$12,136.60	\$753,000.00	\$96,279.70	\$137,456.30	\$515,000.00

* Appropriation 9-c.

SCHEDULE A-IV-9.
PUBLIC INTEREST.
1902.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
9-a INTEREST ON FUNDS ON DEPOSIT:—					
Interest on Bank Deposits.....	\$1,706.54	\$.....	\$.....	\$.....	\$.....
9-b INTEREST ON DELINQUENT TAXES, &c:—					
Interest on Sewer Assessments	24.70	.....	.....	.....	.....
" Sidewalk	3,079.32	.....	.....	.....	.....
" Overdue Taxes.....	30.05	.....	.....	.....	.....
" Betterments.....		.....	.....	.....	.....
9-c PAYMENTS OF INTEREST ON DEBT:—					
On Bonded Debt.....	.....	.....	190,398.00	83,762.50	.....
On Bonded Debt (Water Bonds).....	.....	.....	.....	59,860.00	.....
On Bonded Debt (Water Bonds).....	.....	.....	.....	10,000.00	.....
(from Dept. Receipts).....	.....	.....	.....	.....	.....
On Bonded Debt. (Wharf Bonds).....	.....	.....	.....	2,080.00	.....
(from Dept. Receipts).....	.....	.....	.....	27,754.83	.....
On Temporary Loans.....	.....	.....	.....	.....	.....
9-d MISCELLANEOUS INTEREST:—					
Interest on Trust Funds.....	.....	.....	*	6,786.00	.....
Accrued Interest.....	1,754.85	.....	.....	.....	.....
†Interest on Cemetery Funds held by Treasurer as Cash.....	.....	.....	.....	1,611.72	.....
Total Public Interest	\$6,595.46	\$.....	\$190,398.00	\$191,755.05	\$.....

* Appropriation 9-c.

† This amount should be the same each year, viz.: \$1,604.10 = 6% on \$26,734.93.

SCHEDULE A-IV-10.

TAXATION.

1902.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
10-a REAL PROPERTY TAXES:—					
Taxes — State, County and City	\$1,042,574 31	\$		\$	\$
Taxes — previous years	67,732 33	.....		.....	.....
Abatements, etc .....	.....	.....		.....	.....
Tax Titles	95.62	.....		.....	.....
10-b PERSONAL PROPERTY TAXES.....					
(included in 10-a).					
10-c POLL TAXES (included in 10-a)					
10-d OTHER TAXES:—Corporation Tax	68,523.51	.....		
Bank Tax	37,689.36	.....		36,410.60	.....
Tax on Foreign Ships	101 06	.....		
10-e LIQUOR LICENSES	86,433.00	.....		21,608.25	.....
10-f OTHER LICENSES:— Milk Licenses	169.00	.....		
Pedlars' Licenses	250 00	.....		
Board of Health Licenses	27 00	.....		
Dog Licenses	3,047.09	.....		
10-g FRANCHISE TAXES (ORDINARY):—					
Street Railway Tax — State	8,521.19	.....		
Street Railway Tax — Excise	6,451.73	.....		
10-h FRANCHISE RIGHTS (EXTRAORDINARY)					
10-j MISCELLANEOUS:—					
State, County and Armory Tax				180,945.76	.....
Total Taxation	\$1,321,515.26	\$	\$	\$187,964.61	\$

SCHEDULE A-IV-11.
SPECIAL ASSESSMENTS.
1902.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
11-a ASSESSMENTS FOR LAYING OUT, OPENING AND WIDENING STREETS:— Betterments — Streets.		\$314.59			
11-b ASSESSMENTS FOR PAVING STREETS.....					
11-c ASSESSMENTS FOR SIDEWALKS.....					
11-d ASSESSMENTS FOR STREET CLEANING.....					
11-e ASSESSMENTS FOR STREET SPRINKLING.....					
11-f ASSESSMENTS FOR STREET LIGHTING.....					
11-g ASSESSMENTS FOR GARBAGE COLLECTION, ETC					
11-h ASSESSMENTS FOR SEWERS.....		2,877.53			
11-j ASSESSMENTS FOR PARKS.....					
11-k OTHER SPECIAL ASSESSMENTS.....					
Total Special Assessments.....		\$3 192 12			

SCHEDULE A-IV-12.

UNCLASSIFIED.

(Not included elsewhere).
1902.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
12-a CONTINGENT FUND:—					
*Incidentals.....			\$40,000.00	\$40,397.23	
12-b MISCELLANEOUS:—					
Water Used for Public Purposes.....			12,000.00	12,000.00	
Total Unclassified.....			\$52,000.00	\$52,397.23	

* This disbursement is properly chargeable to various departments on the foregoing Schedules.

SCHEDULE A-IV-1.
GENERAL GOVERNMENT.
1903.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
1-a MAYOR'S DEPARTMENT.....	\$	\$	\$	\$	\$
1-b COUNCILS:—					
City Messenger's Dept.....	.....	.....	.....	.....	.....
Clerk of Committees.....	.....	.....	.....	.....	.....
City Council's Expenses.....	.....	.....	.....	.....	.....
City Clerk's Dept.....	1,941.50	.....	.....	.....	.....
1-c LAW DEPARTMENT.....	.....	.....	.....	.....	.....
1-d FINANCE:—					
Auditor's Dept.....	.....	.....	.....	.....	.....
Assessing Dept.....	.....	.....	6,500.00	6,499.82	.....
Treasurer's (and Collector).....	979.89	.....	.....	.....	.....
Sinking Fund Officials.....	.....	.....	.....	.....	.....
1-e ELECTIONS:—					
General Expenses.....	.....	.....	4,500.00	4,868.13	.....
City Clerk.....	.....	.....	.....	.....	.....
Registrars of Voters.....	.....	.....	.....	.....	.....
1-f CITY HALL:—					
City Buildings Account.....	.....	.....	18,000.00	18,610.93	.....
1-g MISCELLANEOUS:—					
Printing, Binding and Stationery.....	.....	.....	3,000.00	2,914.43	.....
*Salaries.....	.....	.....	27,985.00	28,129.55	.....
Total General Government.....	\$2,321.39	\$.....	\$69,985.00	\$61,022.86	\$

* Should be distributed.

SCHEDULE A-IV-2.

PROTECTION OF LIFE, HEALTH AND PROPERTY.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
2-a POLICE DEPARTMENT.....	\$1,393.25	\$	\$112,000.00	\$123,180.02	\$
2-b FIRE DEPT.:—Salaries and General Expenses	641.55		84,000.00	86,390.52	
Engine House, Reed and Kempton Sts.....			21,348.50		
2-c FIRE AND POLICE TELEGRAPH.....					
2-d COURTS:—Fines—Police Dept.....	6,555.62				
2-e HEALTH DEPARTMENT:—					
Salaries and General Expenses.....	2.34		35,000.00	35,683.71	
Contagious Diseases.....	16.00		3,283.25	4,882.19	
Isolation Hospital.....			27,724.00		
Commonwealth of Mass., etc.....					
Inspector of Milk and Vinegar.....					
Inspector of Provisions — Salaries, etc.....					
2-f CEMETERIES AND CREMATORIES:—					
Salaries and Labor, General Expenses,					
From Burials, etc.....	8,481.27		20,000.00	28,520.03	
Sales of Lands and Lots.....		6,509.00			2,913.47
Interest on Deposits for Perpetual Care.....	1,640.46			1,384.39	
Interest on Cemetery Funds for Perpetual					
Care—held as Cash in Treasury—6%.....	*1,753.99			2,010.06	
2-g INSPECTORS:—Superintendent of Buildings					
Sealer of Weights and Measures.....	277.62				
2-h MILITIA AND ARMORIES:—					
Armories and Military Properties.....			3,000.00	2,858.88	411.53
Boat Shed.....			300.00		
Commonwealth of Mass.....	500.00				
2-j MISCELLANEOUS:—License Commission.....			1,000.00	542.29	
Total Protection of Life, Health and Property	\$21,262.10	\$6,509.00	\$307,655.75	\$284,452.09	\$3,323.00

* This amount should be the same each year, viz.: \$1,604.10 = 6% on \$26,734.80.

SCHEDULE A-IV-3.
PUBLIC CHARITY AND CORRECTION.

1903.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
3-a HOSPITALS:— Woman's Ward and Hospital.....	\$.....	\$.....	\$.....	\$.....	\$5,184.99
3-b INSANE:— Outside Aid—Care of Insane. (included under 3-e).	.....	.....	.....	.....	.....
3-c HOUSES—for Children, Aged, Deaf, Dumb, Blind, etc.....	.....	.....	.....	.....	.....
3-d ALMSHOUSES:— (Maintenance included under 3-e). Addition to Kitchen .....	.....	.....	.....	.....	1,661.45
3-e OUT-DOOR RELIEF:— Overseers of the Poor Dept., Salaries and General Expense, Outside Aid and Maintenance of Almshouse.....	10,896.13	.....	68,000.00	78,366.88	.....
3-f LODGING HOUSES. ....	.....	.....	.....	.....	.....
3-g PRISONS AND REFORMATORIES .....	.....	.....	.....	.....	.....
3-h WORKHOUSES .....	.....	.....	.....	.....	.....
3-j MISCELLANEOUS:— State Aid, Soldiers' Relief, Military Aid and Burial of Soldiers..... Pingree System.....	14,143.35	.....	13,600.00 1,200.00	30,378.82 1,213.09	.....
Total Public Charity and Correction.....	\$25,039.48	\$.....	\$82,800.00	\$109,958.09	\$6,846.44

SCHEDULE A-IV-4.
PUBLIC WAYS AND WASTES.
1903.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
4-a ADMINISTRATION:— Engineering Dept..... Salaries—Supt. of Streets and Office.....	\$63.14	\$.....	\$10,000.00	\$10,577.55	\$.....
4-b MAINTENANCE & REPAIRS OF STS.:— Labor, Concrete, Stone, etc..... Tide Investigation.....	50,615 12	.....	170,000.00	115,108.16	.....
4-c OPENING, GRADING & WIDENING STS.:— Land Damages..... Street Construction..... Grade Crossings.....	.....	.....	893.00	.....	237.09
4-d STREET PAVING:— Rebuilding Streets..... Maintenance.....	.....	.....	*	.....	1,781.43
4-e SIDEWALKS:— Paving — Edgestones and Sidewalks..... Paving — Crossings and Repairs.....	.....	.....	.....	.....	109,901.81
4-f STREET LIGHTING:— General .....	.....	.....	62,000.00	59,423.79	.....
4-g STREET CLEANING:— Street Cleaning Div. (Less Snow Removal).....	.....	.....	.....	.....	.....
4-h SNOW REMOVAL:— Street Cleaning.....	.....	.....	.....	.....	.....

SCHEDULE A-IV-4 — Continued.

4-j STREET SPRINKLING:— Street Watering	7.20	.....	8,375.00	7,035.81	.....
4-k REFUSE COLLECTION AND DISPOSAL:— Overseers of the Poor — House Offal .....	.....	.....	.....	.....	.....
Collection of Ashes.....	.....	.....	.....	.....	.....
4-l SEWERS AND SEWAGE DISPOSAL:— Sewer Dept. — Construction .....	.....	26.49	30,501.77	.....	34,726.45
Sewer Dept. — Improved Sewerage.....	.....	.....	.....	.....	.....
Sewer Dept. — Maintenance	18,376.23	.....	17,000.00	29,012.66	.....
Sewer Dept. — Permits.....	560.00	.....	.....	.....	.....
4-m RIVERS, HARBORS AND WATERWAYS:— Dredging.....	.....	.....	3,000.00	2,210.94	.....
4-n BRIDGES:— New Bedford and Fairhaven Bridge.....	.....	.....	.....	.....	.....
Coggeshall Street Bridge.....	.....	.....	200.00	45.86	.....
Coggeshall Street Bridge Repairs.....	.....	.....	.....	5,399.91	.....
4-o MISCELLANEOUS:— Damages to Persons and Personal Property .....	.....	.....	.....	.....	.....
Court Judgments.....	.....	.....	.....	600.00	.....
Claims.....	.....	.....	.....	.....	.....
Engineering Dept. — Bound Stones.....	.....	.....	.....	.....	.....
Total Public Ways and Wastes.....	\$69,621.69	\$26.49	\$301,969.77	\$229,414.68	\$148,646.78

* Appropriation 4-b

SCHEDULE A-IV-5.
PUBLIC INDUSTRIES AND INVESTMENTS.
1903.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
5-a WATER WORKS:—					
Construction.....	\$.....	\$10,689.83	\$.....	\$.....	\$44,743.13
Maintenance.....	.....	.....	.....	* 75,984.60	.....
Rates, Fines (Less Abatements)	124,154.26	.....	.....	.....	.....
Water Used for Public Purposes.....	12,000 00	.....	.....	.....	.....
Miscellaneous	1,817.15	.....	.....	.....	.....
FURTHER WATER SUPPLY:—					
Construction.....	.....	.....	.....	.....	.....
Miscellaneous .....	.....	.....	.....	.....	.....
5-b DOCKS AND WHARVES:—					
City Wharf Extension .....	.....	.....	30,000.00	.....	9,085.39
Maintenance.....	.....	.....	.....	1,952.41	.....
Wharfage, Rents, etc.....	4,057.24	.....	.....	.....	.....
5-c CITY REAL ESTATE:—					
Rent of Land and Buildings.....	315.59	.....	.....	.....	.....
Sale of Buildings, etc.....	258.59	.....	.....	.....	.....
5-d MISCELLANEOUS					
Total Public Industries and Investments....	\$143,202.83	\$10,689.83	\$30,000.00	\$77,937.01	\$53,828.52

* Contains Extraordinary Charges.

SCHEDULE A-IV-6.

PUBLIC EDUCATION.
1903.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
6-a PUBLIC SCHOOLS:— Tuition, etc.....					
General Expenses	\$2,400.32	\$	\$	\$	\$
Incidentals			11,000.00	9,893.01	
Salaries of Teachers			74,000.00	73,987.90	
Jona. Bourne Prize Fund — Interest	60.00		141,638.00	180,687.23	
Sylvia Ann Howland Fund — Interest	3,000.00			60.00	
Income from Dog Licenses				2,336.14	
Portable Schoolhouses				3,658.84	
Parker Street School Improvements					4,523.43
Plans — New High School Building			3,427.57		7,014.25
6-b PUBLIC LIBRARIES:— Free Public Library			23,772.87		23,772.87
J. B. Congdon — Fund Interest	30.00		12,000.00	12,112.85	
Geo. O. Crocker "	400.00			412.87	
Oliver Crocker "	60.00				
Geo. Howland, Jr. "	96.00			268.38	
Sylvia Ann Howland "	3,000.00			3,772.04	
Chas. W. Morgan "	60.00			81.33	
Chas. L. Wood "	80.00			142.64	
Reading Room Fund				132.34	
Income from Dog Licenses				2,555.47	
Fines					
6-c OTHER PUBLIC EDUCATION:—					
Kindergartens					
Textile School			8,000.00	8,000.00	
6-d MISCELLANEOUS PUBLIC EDUCATION:—					
Total Public Education	\$9,186.32	\$	\$273,839.44	\$298,101.04	\$35,310.55

SCHEDULE A-IV-7.

PUBLIC ART AND RECREATION.

1903.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
7-a PARKS:—					
Construction Account.....	\$.....	\$.....	\$.....	\$.....	\$5,200.00
General Account.....	47.00	.....	42,000.00	36,842.33	.....
Shade Trees.....	8.98	.....	1,000.00	945.18	.....
7-b BATHS:—					
Construction, etc.....	.....	.....	.....	.....	.....
Maintenance.....	225.94	.....	1,000.00	1,238.08	.....
7-c CELEBRATIONS:—					
Fourth of July.....	.....	.....	1,000.00	998.33	.....
Labor Day.....	.....	.....	.....	.....	.....
Memorial Day.....	.....	.....	.....	876.00	.....
Band Concerts.....	.....	.....	.....	.....	.....
7-d MISCELLANEOUS.....					
Total Public Art and Recreation.....	\$281.92	\$.....	\$45,000.00	\$40,896.92	\$5,200.00

SCHEDULE A-IV-8.
PUBLIC INDEBTEDNESS.
1903.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
8-a RECEIPTS FROM LOANS:— (not including Temporary Tax Loans). Improvement..... Schoolhouse..... Sewer..... Water..... Wharf.....	\$..... \$80,000.00 120,000.00	\$80,000.00 120,000.00 30,000.00	\$.....	\$.....	\$.....
8-b PAYMENTS TO SINKING FUNDS:— General..... Water Works (from Dept. Receipts)..... Dept. of Wharves " ".....	..... ..... ..... .....	..... ..... ..... .....	107,505.00	115,091.50 \$12,000.00 1,040.00	...............
8-c DIRECT PAYMENT OF MATURED DEBT:— (not from Sinking Fund). Improvement Bonds from Tax Levy..... Water Bonds from Dept. Receipts.....	..... ..... .....	..... ..... .....	*..... ..... .....	..... ..... .....	10,000.00 30,000.00
8-d FLOATING DEBT TRANSACTIONS:— Excess of Temporary Loans of year over amount repaid (see Schedule A-VI-a)..... Payment of Temporary Loans unpaid at close of previous fiscal year..... Notes issued to purchase lot on County St., for site for proposed new High School.....	..... ..... ..... ..... .....	603,000.00 ..... ..... ..... .....	..... ..... ..... ..... .....	..... ..... ..... ..... .....	..... ..... 400,000.00 60,000.00
8-e MISCELLANEOUS:— Premium Account.....	4,886.50	.....	.....	.....	.....
Total Public Indebtedness.....	\$4,886.50	\$833,000.00	\$107,505.00	\$128,131.50	\$500,000.00

§ Sinking Fund requirements for Water Loans \$28,000.00—Difference made up in 1904. * Appropriation 9-c.

SCHEDULE A-IV-9.
PUBLIC INTEREST.
1903.

	RECEIPTS.		APPROPRIATIONS.	DISBURSEMENTS	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
9-a INTEREST ON FUNDS ON DEPOSIT :—					
Interest on Bank Deposits.....	\$1,221.32	\$.....	\$.....	\$.....	\$.....
9-b INTEREST ON DELINQUENT TAXES, ETC					
Interest on Sewer Assessments.....	25.57	.....	.....	.....	.....
" " Sidewalk.....	.....	.....	.....	.....	.....
" " Overdue Taxes.....	3,127.38	.....	.....	.....	.....
" " Betterments.....	.....	.....	.....	.....	.....
9-c PAYMENT OF INTEREST ON DEBT :—					
On Bonded Debt.....	.....	.....	194,310.00	{ 83,700.00	.....
On Bonded Debt (Water Bonds).....	.....	.....	.....	{ 63,220.00	.....
On Bonded Debt (Water Bonds).....	.....	.....	.....	5,000.00	.....
(from Dept. Receipts)	.....	.....	.....	2,680.00	.....
On Bonded Debt (Wharf Bonds).....	.....	.....	.....	.....	.....
(from Dept. Receipts)	.....	.....	.....	35,790.92	.....
On Temporary Loans.....	.....	.....	.....	.....	.....
9-d MISCELLANEOUS INTEREST :—					
Interest on Trust Funds.....	.....	.....	*	6,786.00	.....
Accrued Interest.....	767.64	.....	.....	1,753.99	.....
†Interest on Cemetery Funds held by Treasurer as Cash.....	.....	.....	.....	.....	.....
Total Public Interest.....	\$5,141.81	\$.....	\$194,310.00	\$198,930.91	\$.....

*Appropriation 9-c. ‡ This amount should be the same each year, viz. \$1,604.10 = 10% on \$20,784.08.

SCHEDULE A-IV-10.

TAXATION.

1903.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
10-a REAL PROPERTY TAXES:—					
Taxes — State, County and City.....	\$1,082,916.17	\$.....	\$.....	\$.....	\$.....
Taxes — previous years.....	62,094.67	.....	.....	.....	.....
Abatements, etc.....	.....	.....	.....	.....	.....
Tax Titles.....	32.22	.....	.....	41.12	.....
10-b PERSONAL PROPERTY TAXES					
(included in 10-a).....	.....	.....	.....	.....	.....
10-c POLL TAXES (included in 10-a).....	.....	.....	.....	.....	.....
10-d OTHER TAXES:—Corporation Tax.....	73,989.83	.....	.....	.....	.....
Bank Tax.....	40,498.41	.....	.....	37,919.47	.....
Tax on Foreign Ships.....	58.11	.....	.....	.....	.....
10-e LIQUOR LICENSES.....	85,636.00	.....	.....	21,409.00	.....
10-f OTHER LICENSES:— Milk Licenses.....	146.00	.....	.....	.....	.....
Pedlars' Licenses.....	100.00	.....	.....	.....	.....
Board of Health Licenses.....	17.25	.....	.....	.....	.....
Dog Licenses.....	3,312.26	.....	.....	.....	.....
10-g FRANCHISE TAXES (ORDINARY):—					
Street Railway Tax — State.....	9,377.22	.....	.....	.....	.....
Street Railway Tax — Excise.....	.....	.....	.....	.....	.....
10-h FRANCHISE RIGHTS (EXTRAORDINARY)					
10-j MISCELLANEOUS:—					
State, County and Armory Tax.....	.....	.....	.....	149,120.89	.....
Total Taxation.....	\$1,358,178.14	\$.....	\$.....	\$208,490.48	\$.....

SCHEDULE A-IV-11.
SPECIAL ASSESSMENTS.
1903.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
11-a ASSESSMENTS FOR LAVING OUT, OPENING AND WIDENING STREETS:— Betterments — Streets.					
11-b ASSESSMENTS FOR PAVING STREETS.....					
11-c ASSESSMENTS FOR SIDEWALKS.....					
11-d ASSESSMENTS FOR STREET CLEANING.....					
11-e ASSESSMENTS FOR STREET SPRINKLING....					
11-f ASSESSMENTS FOR STREET LIGHTING..					
11-g ASSESSMENTS FOR GARBAGE COLLECTION, &c.					
11-h ASSESSMENTS FOR SEWERS.....		\$6,218.35			
11-j ASSESSMENTS FOR PARKS.....					
11-k OTHER SPECIAL ASSESSMENTS.....					
Total Special Assessments..... ..		\$6,218.35			

SCHEDULE A-IV-12.
UNCLASSIFIED.
 (Not included elsewhere).
 1903.

	RECEIPTS.		APPROPRIA- TIONS.	DISBURSEMENTS.	
	Ordinary.	Extraordinary.		Ordinary.	Extraordinary.
12-a CONTINGENT FUND:—					
*Incidentals.....	\$368.77		\$33,000.00	\$33,005.38	
12-b MISCELLANEOUS:—					
Water used for Public Purposes			12,000.00	12,000.00	
To cover errors and shortages of previous years (Schedule F-1).....	564.94				
Total Unclassified.....	\$933.71		\$47,000.00	\$45,005.38	

* This disbursement is properly chargeable to various departments on the foregoing Schedules.

SCHEDULE A-VI.

TEMPORARY ACCOUNTS.

1902.

	Receipts.	Disbursements.
a. TEMPORARY TAX LOANS.....	\$900,000.00	\$900,000.00
For temporary loans in excess of amounts stated herein, and unpaid at the close of the fiscal year — See A-IV-8-d.		
b. TRANSFERS:—		
Income from Dog Licenses transferred from Taxation to Public Education....	3,047.09	3,047.09
c. PAYMENTS FROM SINKING FUNDS into Treasury and from Treasury to redeem Matured Bonds.....	50,000.00	50,000.00
d. REBATES AND REFUNDS.....	.....	.....
	<u>\$953,047.09</u>	<u>\$953,047.09</u>

SCHEDULE A-VI.

TEMPORARY ACCOUNTS.

1899.

	Receipts.	Disbursements.
a. TEMPORARY TAX LOANS.....	\$800,000.00	\$800,000.00
For temporary loans in excess of amounts stated herein, and unpaid at the close of the fiscal year, see A-IV-8-d.		
b. TRANSFERS:—		
Income from Dog Licenses transferred from Taxation to Public Education....	2,510.92	2,510.92
c. PAYMENTS FROM SINKING FUNDS into Treasury and from Treasury to redeem Matured Bonds.....	59,696.34	*59,696.34
d. REBATES AND REFUNDS.....	...	...
	<u>\$862,207.26</u>	<u>\$862,207.26</u>

*Improvement Bonds paid \$62,000.00. Amount short on Sinking Fund paid from Tax Levy.

SCHEDULE B-I.

COMPARATIVE BALANCE SHEET

for the seven fiscal years ending December 7, 1903.

	Dec. 6, 1897.	Dec. 5, 1898.	Dec. 4, 1899.	Dec. 3, 1900.	Dec. 2, 1901.	Dec. 1, 1902.	Dec. 7, 1903.
ASSETS.							
CURRENT ASSETS:—							
Total Cash in Treasury	\$144,952.41	\$75,971.60	\$37,917.67	\$50,911.98	\$47,898.56	\$64,027.29	\$197,625.60
Less Trust Funds held as Cash (see below).....	43,834.93	43,834.93	43,834.93	43,834.93	43,834.93	43,834.93	43,834.93
Free Cash in Treasury	\$100,417.48	\$32,136.67	* \$6,517.26	\$7,076.33	\$23,563.63	\$20,192.36	\$33,790.67
#Uncollected Taxes of years prior to 1887.....	.....	.....	.....	.....	.....	.....	.....
1887 (since collected).....	28,417.74	14,112.60	971.91	55.09	3.24	.....	.....
" 1888 .....	.....	61,220.48	19,908.19	54.64	3.84	.....	.....
" 1889 .....	.....	.....	50,905.33	17,929.82	67.64	.....	.....
" 1890 .....	.....	.....	.....	61,146.21	16,873.72	38.86	.....
" 1891 .....	.....	.....	.....	.....	67,968.33	37,117.03	.....
" 1892 .....	.....	.....	.....	.....	.....	62,264.64	.....
" 1893 .....	.....	.....	.....	.....	.....	.....	17,834.26
Commonwealth of Massachusetts.....	10,337.47	10,680.83	10,817.08	11,332.27	12,072.31	12,296.58	93,941.71
#Other Accounts Receivable.....	.....	.....	.....	.....	.....	.....	12,543.95
Total Current Assets.....	\$139,192.09	\$118,460.58	\$75,382.53	\$97,063.35	\$120,550.71	\$112,569.87	\$132,565.59
CONTINGENT ASSETS:—							
Tax Titles.....	.....	609.44	\$1,372.33	.....	\$286.03	\$197.41	\$206.31
#Uncollected Taxes of years prior to 1887.....	\$999.50	.....	.....	.....	.....	.....	.....
1887 (uncollected Dec. 7-03).....	31,192.56	31,192.56	31,192.56	31,192.56	31,192.56	31,192.56	31,192.56
" 1898 .....	.....	8,152.58	8,152.58	8,152.58	8,152.58	8,152.58	8,152.58
" 1899 .....	.....	.....	4,571.46	4,571.46	4,571.46	4,571.46	4,571.46
" 1900 .....	.....	.....	.....	5,392.77	5,392.77	5,392.77	5,392.77
" 1901 .....	.....	.....	.....	.....	86.45	86.45	86.45
" 1902 .....	.....	.....	.....	.....	.....	2,748.52	2,748.52
" 1903 .....	.....	.....	.....	.....	.....	.....	34,378.14
Total Contingent Assets.....	\$31,892.06	\$29,834.58	\$35,298.93	\$40,120.32	\$39,618.86	\$48,971.75	\$76,608.79

COMPARATIVE BALANCE SHEET — Continued.

TRUST FUND ASSETS:—									
Cash in Treasury representing Bequests.....	\$17,100.00	\$17,100.00	\$17,100.00	\$17,100.00	\$17,100.00	\$17,100.00	\$17,100.00	\$17,100.00	\$17,100.00
" " " Cemetery Funds.....	26,734.93	26,734.93	26,734.93	26,734.93	26,734.93	26,734.93	26,734.93	26,734.93	26,734.93
Deposits in Sav. Bks.....	14,060.00	19,025.00	25,485.00	34,330.00	38,652.00	47,902.14	47,902.14	47,902.14	50,064.89
Total Trust Fund Assets.....	\$57,894.93	\$56,450.93	\$68,320.93	\$78,154.93	\$83,656.93	\$91,737.07	\$91,737.07	\$91,737.07	\$99,899.62
SINKING FUND ASSETS:—									
Securities and Cash, Schedule B-1-1.....	\$529,208.65	\$660,010.93	\$736,180.43	\$843,989.98	\$925,652.83	\$1,044,399.42	\$1,044,399.42	\$1,044,399.42	\$1,066,137.37
FIXED ASSETS:—									
Land, Buildings and Equipment, Schedule B-1-2.....	\$4,242,558.09	\$4,536,928.07	\$4,580,156.00	\$4,664,024.00	\$4,887,808.00	\$4,954,034.00	\$4,954,034.00	\$4,954,034.00	\$5,065,011.00
Public Buildings & Improvements in Progress, (Schedule B-1-3).....	8,556.10	80,473.39	40,386.87	90,019.90	2,669.35	17,605.22	17,605.22	17,605.22	10,069.36
Total Fixed Assets.....	\$4,246,114.19	\$4,617,401.46	\$4,620,542.87	\$4,754,043.90	\$4,890,472.25	\$4,972,239.22	\$4,972,239.22	\$4,972,239.22	\$5,075,080.36
TOTAL ASSETS.....	\$4,994,292.62	\$5,479,287.48	\$5,546,734.51	\$5,813,370.76	\$6,009,851.87	\$6,263,317.83	\$6,263,317.83	\$6,263,317.83	\$6,470,341.73

‡ Not in period examined. § Not determinable.

* Deficit — Cash in Treasury temporarily insufficient to meet Trust Fund requirements (\$43,834.80).

COMPARATIVE BALANCE SHEET.

[illegible]

Temporary Loans do not include Fairhaven Bridge Notes.

Amount outstanding January 1, 1914, \$425,000.00. (see page 13.)

SCHEDULE B-I-1.

SECURITIES AND CASH HELD
BY THE COMMISSIONERS OF SINKING FUNDS

December 7, 1903.

	Due.	
Attleboro 4's.....	July 1, 1926	\$18,000.00
Albany & Susquehanna 7's.....	April 1, 1908	19,000.00
Bridgeport, Conn., 4's.....	Jan. 1, 1924	6,000.00
Brockton 4's.....	April 1, 1924	7,000.00
Brockton 4's.....	Dec. 15, 1923	1,000.00
Burlington & Missouri River 6's.....	July 1, 1918	7,000.00
Burlington & Missouri River 6's.....	July 1, 1918	3,800.00
Boston & Maine 4½'s.....	Jan. 1, 1944	5,000.00
Chicago & Northwestern Extn. 7's.....	April 1, 1911	5,000.00
Cambridge 4's.....	Aug. 1, 1924	32,000.00
Cambridge 4's.....	Feb. 1, 1924	4,000.00
Clinton 3½'s.....	Oct. 1, 1905-21	11,000.00
Chicago, Burlington & Quincy 4's.....	July 1, 1905	5,000.00
Chicago, Burlington & Quincy 4's.....	May 1, 1927	5,000.00
Chicago, Burlington & Quincy 4's.....	Oct. 1, 1919	6,000.00
Chicago, Burlington & Quincy 3½'s.....	July 1, 1949	19,000.00
Cedar Rapids & Missouri 7's.....	June 1, 1909	4,000.00
Dakota Central 6's.....	Sept. 1, 1907	35,000.00
Erie & Pittsburg 3½'s.....	July 1, 1940	50,000.00
Fitchburg R. R. Co. 4's.....	Mch. 1, 1927	5,000.00
Grand Rapids & Michigan 4½'s.....	Oct. 1, 1913	40,000.00
Hannibal & St. Joseph Cons 6's.....	Mch. 1, 1911	5,000.00
Haverhill 4's.....	Oct. 1, 1921	20,000.00
Haverhill 4's.....	Dec. 1, 1922	5,000.00
Hyde Park 4's.....	May 1, 1908	5,000.00
Hyde Park 4's.....	May 1, 1909	5,000.00
Indianapolis, Ind. 4's.....	Mch. 1, 1924	5,000.00
Indianapolis, Ind. 4's.....	June 30, 1924	5,000.00
Illinois Central 3's.....	Aug. 1, 1951	10,000.00
Illinois Central 3½'s.....	July 1, 1953	7,000.00
Joliet & No. Indiana 7's.....	July 10, 1907	20,000.00
Kansas City, St. Joseph & Council Bluffs 7's...	Jan. 1, 1907	25,000.00
Kalamazoo, Alagan & G. R. 5's.....	Jan. 1, 1938	4,000.00
Lynn, Mass. 4's.....	Jan. 1, 1922	5,000.00
Lynn, Mass. 4's.....	Oct. 1, 1923	1,000.00
Lynn, Mass.....	April 1, 1923	3,000.00
Lynn, Mass. 4's.....	Sept. 1, 1908	6,000.00
Michigan Central 3½'s.....	May 1 1952	20,000.00
Milwaukee, Wisconsin 5's.....	July 2, 1906	20,000.00
Malden, Mass. 4's.....	May 1, 1924	5,000.00
Malden, Mass. 4'.....	May 2, 1925	20,000.00
Malden, Mass. 4's.....	Jan. 1, 1916	10,000.00
Meriden, Conn. 4's.....	May 15, 1907	10,000.00
Medford, Mass. 4's.....	Aug. 1, 1918	30,000.00
Milwaukee, Lake Shore & Western 6's.....	July 1, 1924	3,000.00

Carried forward.....\$536,800.00

SCHEDULE B-I-1 — *Continued.*

	Due.	
Brought forward		\$536,800.000
Milwaukee, Lake Shore & Western 5's.....	Feb. 1, 1929	19,000.00
Middletown, Conn. 3½'s.....	Dec. 1, 1921	5,000.00
Naumkeag St. R'y Co. 5's.....	July 1, 1910	5,000.00
New Bedford 4's.....	April 1, 1924	3,000.00
New Bedford 3½'s.....	Oct. 1, 1906	30,000.00
New Bedford 4's.....	May 1, 1927	52,000.00
New Bedford 3½'s.....	Feb. 1, 1928	3,000.00
New Bedford 3½'s.....	Feb. 1, 1918	4,000.00
New Bedford 3½'s.....	Feb. 1, 1919	7,000.00
New Britain, Conn. 4's.....	Aug. 1, 1908	25,000.00
New Britain, Conn. 4's.....	July 1, 1924	9,000.00
Newton, Mass. 4's.....	April 1, 1924	19,000.00
Newton, Mass. 4's.....	May 1, 1927	16,000.00
Newport, R. I. 4's.....	May 15, 1923	15,000.00
New York & New England 6's.....	Jan. 1, 1905	25,000.00
New York & New England 7's.....	Jan. 1, 1905	8,000.00
New York & New England 6's.....	Jan. 1, 1905	1,000.00
Peoria & Northwestern 3½'s.....	Mch. 1, 1926	5,000.00
Quincy, Mass. 4's.....	May 1, 1923	20,000.00
Saginaw, Michigan 5½'s.....	Nov. 1, 1913	15,000.00
Saginaw, Michigan 4's.....	April 1, 1923	10,000.00
Saginaw, Michigan 4's.....	Dec. 1, 1919	10,000.00
St. Johnsbury & Lake Champlain 5's.....	Mch. 1, 1944	6,000.00
Taunton, Mass. 4's.....	June 1, 1915	1,000.00
Trunton, Mass. 4's.....	June 1, 1905	4,000.00
Taunton, Mass. 4's.....	June 1, 1905	7,123.00
Taunton, Mass. 4's.....	Dec. 1, 1915	2,000.00
Taunton, Mass. 4's.....	Dec. 1, 1906	19,000.00
Taunton, Mass. 4's.....	Dec. 1, 1907	4,000.00
Waltham, Mass. 4's.....	Jan. 1, 1907	3,000.00
Waltham, Mass. 4's.....	April 1, 1917	6,000.00
Waltham, Mass. 4's.....	Jan. 1, 1927	2,000.00
Wakefield, Mass. 4's.....	Oct. 1, 1918	9,000.00
Woonsocket, R. I. 4's.....	April 1, 1924	3,000.00
Worcester, Mass. 4's.....	July 1, 1928	17,000.00
West End Street R'y Co. 4's.....	Aug. 1, 1932	14,000.00
Chicago, Burlington & Quincy 3½'s.....	July 1, 1929	12,000.00
Note of the City of New Bedford		113,000.00
City Institution for Savings, Lowell.....		1,000.00
Charlestown Five Cents Savings Bank.....		1,356.10
The Boston Five Cents Savings Bank.....		1,381.23
New Bedford Institution for Savings.....		1,376.21
New Bedford Five Cents Savings Bank.....		1,462.20
First Nat'l Bank, New Bedford, as at January 1, 1904.....		1,878.29
		<hr/>
		\$1,073,379.03
Less Interest and Dividends as of January 1, 1904.....		7,241.66
		<hr/>
Sinking Funds, as at December 7, 1903.....		\$1,066,137.37
		<hr/>

SCHEDULE B-1-2.
LAND, BUILDINGS AND EQUIPMENT.

	Dec. 6, 1897.	Dec. 5, 1898.	Dec. 4, 1899.	Dec. 3, 1900.	Dec. 2, 1901.	Dec. 1 1902.	Dec. 7, 1903.
New Bedford Water Works.....	\$1,200,000.00	\$1,200,000.00	\$1,200,000.00	\$1,200,000.00	\$1,200,000.00	\$1,200,000.00	\$1,200,000.00
New Bedford Water Works—Further Water Supply	990,640.41	1,205,765.00	1,256,046.00	1,303,490.00	1,317,058.00	1,317,201.00	*1,331,201.00
Public Schools—Land and Buildings.....	806,356.00	837,454.31	837,875.00	843,875.00	1,042,109.00	1,104,082.00	1,108,863.00
Public Buildings, Land, &c.....	788,072.10	843,614.34	845,412.00	180,506.00	163,850.00	164,250.00	226,648.00
Cemetery Board.....	.....	.....	.....	183,438.00	194,077.00	194,851.00	194,528.00
Free Public Library.....	.....	.....	.....	190,339.00	193,339.00	183,339.00	183,838.00
Park Commission.....	.....	.....	.....	165,376.00	194,641.00	195,341.00	200,541.00
Police Department.....	.....	.....	.....	82,248.00	82,410.00	82,285.00	83,702.00
Armories and Military Property.....	.....	.....	.....	3,300.00	3,300.00	3,300.00	* 3,300.00
Fire Department.....	227,115.00	227,315.00	227,015.00	227,015.00	227,015.00	227,015.00	227,015.00
Poor Department.....	110,160.00	110,046.50	107,881.00	108,170.00	108,170.00	108,170.00	128,338.00
Streets and Sewer Departments.....	47,344.38	50,462.92	53,677.00	.....	.....	99,140.00	101,461.00
Board of Public Works.....	.....	.....	.....	101,217.00	96,684.00	.....	.....
Department of Wharves.....	62,000.00	52,000.00	52,000.00	52,000.00	52,000.00	52,000.00	52,000.00
Street Lighting Department.....	5,600.00	5,500.00	5,500.00	5,500.00	5,500.00	5,800.00	5,800.00
Board of Health.....	2,570.00	2,570.00	2,570.00	4,850.00	4,850.00	4,560.00	4,305.00
Engineering Department.....	2,200.00	2,200.00	2,200.00	2,200.00	2,200.00	2,550.00	2,550.00
Board of Assessors.....	.....	.....	.....	1,000.00	1,150.00	1,300.00	1,400.00
Total as per Balance Sheet.....	\$4,242,558.09	\$4,536,928.07	\$4,590,156.00	\$4,664,024.00	\$4,867,808.00	\$4,934,634.00	\$5,065,011.00

* Includes New Repair Shop and Land, \$14,000.00

SCHEDULE B-I-3.

PUBLIC BUILDINGS AND IMPROVEMENTS IN
PROGRESS.

December 6, 1897.

Fire Department, Underground Wires.....	\$2,999.12
Curbing, Phillips Ave.....	8.70
Sewer, Clinton St.....	138.74
" Grit St.....	172.09
" Hazard St.....	47.25
" Tallman St.....	190.20
Total as per Balance Sheet.....	<u>\$3,556.10</u>

December 5, 1898.

Almshouse, Changes and Alterations.....	\$13,360.31
Land Damages, Purchase St. No. 3.....	11,906.93
" " " No. 4.....	19,730.83
" " " No. 5.....	35,475.42
Total as per Balance Sheet.....	<u>\$80,473.39</u>

December 4, 1899.

Land Damages, Kempton St.....	\$1,971.62
" " Purchase St. No. 5.....	38,425.05
Total as per Balance Sheet.....	<u>\$40,396.67</u>

December 3, 1900.

Sewer, Mill and Kempton Sts.....	\$1,123.35
Schoolhouse Lot, Blackmer St., Moving Buildings.....	4,092.00
" Blackmer St.....	34,312.40
" Coggeshall St.....	24,615.80
" Shawmut Ave.....	22,429.19
Land Damages, Acushnet Ave.....	3,447.16
Total as per Balance Sheet.....	<u>\$90,019.90</u>

December 2, 1901.

Land Damages, Acushnet Ave.....	\$2,669.25
Total as per Balance Sheet.....	<u>\$2,669.25</u>

SCHEDULE B-I-3 — *Continued.*PUBLIC BUILDINGS AND IMPROVEMENTS IN
PROGRESS.

December 1, 1902.

Additions to Almshouse Kitchen.....	\$1,803.56
Sewer, Bay and Dartmouth Sts.....	299.75
" Cleveland St.....	707.82
Woman's Ward & Hospital, Construction..	7,963.01
" " " Heating and Ventilating...	1,500.00
Land Damages, Linden Court ..	1,200.00
" " Acushnet Ave.....	4,131.08
Total as per Balance Sheet.....	\$17,605.22

December 7, 1903.

City Wharf Extension.....	\$9,085.39
Sewer, Acushnet Ave. No. 1....	967.22
" " " No. 2.	16.75
Total as per Balance Sheet.....	\$10,069.36

SCHEDULE B-I-4.

TEMPORARY LOANS

Outstanding December 7, 1903.

Payee.	Due.	Amount.
Loring, Tolman & Tupper.....	Dec. 14, 1903	\$30,000.00
" " "	Dec. 14, 1903	50,000.00
" " "	Dec. 23, 1903	85,000.00
New Bedford Five Cents Savings Bank..	Dec. 26, 1903	45,000.00
Loring, Tolman & Tupper.....	Feb. 26, 1904	75,000 00
" " "	Mch. 25, 1904	125,000.00
Commissioners of Sinking Funds,		
City of New Bedford.....	May 1, 1904	113,000.00
Loring, Tolman & Tupper.....	Oct. 12, 1904	80,000.00
		<hr/> \$603,000.00 <hr/>

SCHEDULE B-I-5.

BONDS OF THE CITY OF NEW BEDFORD.

Outstanding December 7, 1903.

Description.	Rate of Interest.	Date of Maturity.	Amount.	Totals.
Water Bonds	7%	Oct. 1, 1904	\$10,000.00	
"	7%	Oct. 1, 1905	10,000.00	
"	7%	Oct. 1, 1906	10,000.00	
"	7%	Oct. 1, 1907	10,000.00	
"	7%	Oct. 1, 1908	10,000.00	
"	7%	Oct. 1, 1909	10,000.00	\$60,000.00
"	6%	Oct. 1, 1905	20,000.00	
"	6%	Oct. 1, 1906	20,000.00	
"	6%	Oct. 1, 1907	20,000.00	
"	6%	Oct. 1, 1908	20,000.00	
"	6%	Oct. 1, 1909	20,000.00	100,000.00
"	5%	Oct. 1, 1904	20,000.00	20,000.00
"	4%	Apr. 1, 1918	20,000.00	
"	4%	Apr. 1, 1924	120,000.00	
"	4%	Dec. 15, 1924	200,000.00	
"	4%	Apr. 1, 1926	400,000.00	
"	4%	Jan. 1, 1927	400,000.00	
"	4%	Jan. 1, 1927	200,000.00	1,340,000.00
"	3½%	June 1, 1930	48,000.00	48,000.00
Improvement Bonds	6%	Oct. 1, 1904	10,000.00	
"	6%	Oct. 1, 1905	10,000.00	
"	6%	Oct. 1, 1906	10,000.00	
"	6%	Oct. 1, 1907	10,000.00	
"	6%	Oct. 1, 1908	10,000.00	
"	6%	Oct. 1, 1909	15,000.00*	
"	6%	Oct. 1, 1910	30,000.00*	95,000.00
"	4%	Apr. 1, 1904	89,000.00	
"	4%	Apr. 1, 1905	24,000.00	
"	4%	Mch. 1, 1907	172,000.00	285,000.00
"	3½%	Feb. 1, 1908	62,000.00	
"	3½%	Feb. 1, 1909	108,000.00	
"	3½%	Mch. 1, 1912	170,000.00	
"	3½%	Feb. 1, 1913	80,000.00	420,000.00
Schoolhouses and Other Public Buildings Bonds	4%	Mch. 1, 1917	128,000.00	128,000.00
"	3½%	Feb. 1, 1918	92,000.00	
"	3½%	Feb. 1, 1919	80,000.00	
"	3½%	June 1, 1920	200,000.00	
"	3½%	Mch. 1, 1922	65,000.00	
"	3½%	Feb. 1, 1923	120,000.00	507,000.00
Carried forward				\$3,003,000.00

SCHEDULE B-I-5 — *Continued.*

Description.	Rate of Interest.	Date of Maturity.	Amount.	Totals.
Brought forward				\$3,003,000.00
Sewer Bonds.....	4 $\frac{1}{2}$ %	Apr. 1, 1908	\$35,000.00	
" "	4 $\frac{1}{2}$ %	Apr. 1, 1909	43,000.00	
" "	4 $\frac{1}{2}$ %	Apr. 1, 1910	48,000.00	
" "	4 $\frac{1}{2}$ %	Apr. 1, 1911	57,000.00	
" "	4 $\frac{1}{2}$ %	Apr. 1, 1912	100,000.00	
" "	4 $\frac{1}{2}$ %	Apr. 1, 1913	108,000.00	
" "	4 $\frac{1}{2}$ %	Apr. 1, 1914	32,000.00	
" "	4 $\frac{1}{2}$ %	Apr. 1, 1925	58,000.00	
" "	4 $\frac{1}{2}$ %	Mch. 1, 1927	69,000.00	550,000.00
" "	3 $\frac{1}{2}$ %	Apr. 1, 1906	30,000.00	
" "	3 $\frac{1}{2}$ %	Oct. 1, 1906	30,000.00	
" "	3 $\frac{1}{2}$ %	Apr. 1, 1907	15,000.00	
" "	3 $\frac{1}{2}$ %	Feb. 1, 1928	35,000.00	
" "	3 $\frac{1}{2}$ %	Feb. 1, 1929	33,000.00	
" "	3 $\frac{1}{2}$ %	Mch. 1, 1932	30,000.00	173,000.00
Park Loan.....	4 $\frac{1}{2}$ %	Apr. 1, 1942	100,000.00	100,000.00
" "	3 $\frac{1}{2}$ %	July 1, 1951	28,000.00	28,000.00
Wharf Bonds ..	4 $\frac{1}{2}$ %	May 1, 1927	52,000.00	
" "	4 $\frac{1}{2}$ %	May 1, 1913	30,000.00	82,000.00
				<u>\$3,836,000.00</u>
Past due — not presented for payment:—				
Improvement Bonds..	6 $\frac{1}{2}$ %	1894		1,000.00
Total Bonded Debt.				<u><u>\$3,837,000.00</u></u>

*Since 1898 the Auditor's Report has shown \$5,000.00 of this series of Bonds as "overdue bonds unrepresented." These Bonds were issued in 1875, and the record of their maturities is not clear, but it seems probable that the \$5,000.00 of Bonds, listed by the Auditor as "overdue," mature in 1909 and 1910, and we have so shown them. Coupons from these Bonds have been presented and paid each six months, and it is therefore evident that the Bonds mature at some date later than 1904.

SCHEDULE C-I.

GENERAL SURPLUS

for the seven fiscal years ending December 7, 1903.

	1897.	1898.	1899.	1900.	1901.	1902.	1903.
Current Assets.....	\$138,192 09	\$118,460 58	\$75,892 55	\$97,062 35	\$120,550 71	\$112,569 87	\$152,565 59
Contingent Assets.....	21,892 06	29,954 58	35,288 88	40,120 32	38,618 85	42,271 75	76 638 79
Current Liabilities.....	\$161,084 75	\$148,415 16	\$110,671 48	\$137,182 67	\$160,169 56	\$154,841 62	\$229,224 38
Current Deficit.....	\$111,060 28*	\$168,156 48	\$88,206 01	\$76,881 18	\$333,388 96	\$278,011 73	\$394,431 79
Bonded Debt.....	\$3,408,000 00	\$3,538,000 00	\$3,638,000 00	\$3 819,000 00	\$3,706,000 00	\$3,809,000 00	\$3,937,000 00
Sinking Funds.....	529,208 65	650,010 88	736,180 43	843,989 26	925,652 83	1,044,399 42	1,066,137.
Invested Bequest.....	\$2,878,781 35	\$2,907,869 07	\$2,901,819 57	\$2 975,010 74	\$2,780 347 17	\$2,864,600 53	\$2,870,862 63
Net Capital Liabilities.....	\$3,978,791 35	\$3,007,869 07	\$3,001,819 57	\$3 075,010 74	\$2,880,347 17	\$2,864,600 53	\$2,970,862 63
Fixed Assets.....	\$4,246,114 19	\$4,617,401 46	\$4,680,552 67	\$4,754,048 80	\$4,880,472 25	\$4,972,339 22	\$5,075,080 56
Net Capital Liabilities.....	2,978,791 35	3,007,869 07	3,001,819 57	3 075,010 74	2,880,347 17	2,864,600 53	2,970,862 63
Capital Surplus.....	\$1,267,322 84	\$1,609,412 89	\$1,628,733 10	\$1 679,038 16	\$2,010,125 08	\$2,007,638 64	\$2,104,217 73
Current Deficit.....	111,060 28*	168,156 48	88,206 01	76,881 18	333,388 96	278,011 73	394,431 79
General Surplus as per Balance Sheet....	\$1,378,388 12	\$1,441,256 91	\$1,540,527 09	\$1 692,101 98	\$1,676,786 12	\$1,729,623 91	\$1,709 785 94

* Surplus.

SCHEDULE D-I.

WATER DEPARTMENT — RECEIPTS AND DISBURSEMENTS

for the fiscal year ending December 6, 1897.

Balance at credit of Department January 4, 1897.....					\$28,750.79
RECEIPTS.					
Water Rates and Fines (less Abatements).....				\$99,154.92	
General Appropriation from City for Water Used for Public Purposes.				12,000.00	
Miscellaneous Receipts.....				131.67	
Total Receipts.....					\$111,286.59
DISBURSEMENTS.					
Operation and Maintenance					\$26,265.16
Construction (Mains, Meters, etc.).....				\$37,597.11	
Less Repayment by Consumers for Labor and Materials furnished.....				9,367.73	
Net Cost of Construction.....					28,229.38
Total Operation and Construction.....					54,524.54
Balance available for Interest on and Repayment of Water Loans.....					\$56,762.05
Repayment of Water Loans:—					
Matured Bonds.....				\$20,000.00	
Sinking Fund for Further Water Supply Bonds.....				16,000.00	
					\$36,000.00
Interest on Water Loans:—					
Interest on Water Bonds.....				\$63,265.00	
Interest on Howland Fund for six months.....				3,000.00	
Total Interest on Loans				\$66,265.00	
Less paid from General Funds of the City.....				66,265.00	
Total Disbursements for Interest on and Repayment of Water Loans.....					46,000.00
Excess of Receipts over Disbursements.....					10,762.05
Balance at credit of Department December 6, 1897.....					\$39,512.84

SCHEDULE D-I.

WATER DEPARTMENT — RECEIPTS AND DISBURSEMENTS

for the fiscal year ending December 5, 1898.

Balance at credit of Department December 6, 1897.....					\$39,512.84
RECEIPTS.					
Water Rates and Fines (less Abatements).....				\$100,176.87	
General Appropriation from City for Water Used for Public Purposes.....				12,000.00	
Miscellaneous Receipts.....				69.84	
Total Receipts.....					\$112,246.71
DISBURSEMENTS.					
Operation and Maintenance.....				\$34,013.82	
Construction (Mains, Meters, etc.).....				\$34,549.41	
Less Repayment by Consumers for Labor and Materials furnished.....				7,243.79	
Net Cost of Construction.....					27,305.62
Total Operation and Construction.....					61,319.44
Balance available for Interest on and Repayment of Water Loans.....					\$50,927.27
Repayment of Water Loans:— Matured Bonds.....				\$20,000.00	
Sinking Fund for Further Water Supply Bonds.....				24,000.00	
Sinking Fund for Old Water Supply Bonds.....				5,600.00	\$49,600.00
Interest on Water Loans:—					
Interest on Water Bonds.....				\$74,010.00	
Interest on Howland Fund.....				6,000.00	
Total Interest on Loans.....				\$80,010.00	
Less paid from General Funds of the City.....				75,010.00	5,000.00
Total Disbursements for Interest on and Repayment of Water Loans.....					54,600.00
Excess of Disbursements over Receipts.....					3,672.73
Balance at credit of Department December 5, 1898.....					\$35,840.11

SCHEDULE D-I.
WATER DEPARTMENT — RECEIPTS AND DISBURSEMENTS
for the fiscal year ending December 4, 1899.

Balance at credit of Department December 5, 1898.....					\$25,840.11
RECEIPTS.					
Water Rates and Fines (less Abatements).....		\$99,173.27			
General Appropriation from City for Water Used for Public Purposes.....		12,000.00			
Miscellaneous Receipts.....		828.42			
Total Receipts.....				\$112,001.69	
DISBURSEMENTS.					
Operation and Maintenance.....			\$54,101.03		
Construction (Mains, Meters, etc.).....		\$24,874.03			
Less Repayment by Consumers for Labor and Materials furnished.....		5,770.18			
Net Cost of Construction.....			19,103.85		
Total Operation and Construction.....				73,204.88	
Balance available for Interest on and Repayment of Water Loans.....				\$38,796.81	
Repayment of Water Loans — Matured Bonds.....		\$20,000.00			
Sinking Fund for Further Water Supply Bonds.....		24,000.00			
Sinking Fund for Old Water Supply Bonds.....		2,800.00	\$46,800.00		
Interest on Water Loans:—					
Interest on Water Bonds.....		\$73,045.00			
Interest on Howland Fund.....		6,000.00			
Total Interest on Loans.....		\$79,045.00			
Less paid from General Funds of the City.....		64,045.00	15,000.00		
Total Disbursements for Interest on and Repayment of Water Loans.....				61,800.00	
Excess of Disbursements over Receipts.....					23,008.19
Balance at credit of Department December 4, 1899.....					\$12,836.92

SCHEDULE D-I.

WATER DEPARTMENT — RECEIPTS AND DISBURSEMENTS
for the fiscal year ending December 3, 1900.

Balance at credit of Department December 4, 1899.....					\$12,836.92
RECEIPTS.					
Water Rates and Fines (less Abatements).....				\$103,939.46	
General Appropriations from City for Water Used for Public Purposes.....				12,000.00	
Miscellaneous Receipts.....				1,771.08	
Total Receipts.....					\$117,710.54
DISBURSEMENTS.					
Operation and Maintenance.....				\$48,559.92	
Construction (Mains, Meters, etc.).....			\$19,808.95		
Less Repayment by Consumers for Labor and Materials furnished.....			6,614.43		
Net Cost of Construction.....				13,192.52	
Total Operation and Construction.....					61,752.44
Balance available for Interest on and Repayment of Water Loans.....					\$55,958.10
Repayment of Water Loans:— Matured Bonds.....			\$30,000.00		
Sinking Fund for Further Water Supply Bonds.....			24,000.00		
Sinking Fund for Old Water Supply Bonds.....			2,800.00		
Sinking Fund for Bonds of 1900.....			1,200.00		\$58,000.00
Interest on Water Loans:— Interest on Water Bonds.....			\$72,400.00		
Interest on Howland Fund.....			6,000.00		
Total Interest on Loans.....			\$78,400.00		
Less paid from General Funds of the City.....			73,400.00		5,000.00
Total Disbursements for Interest on and Repayment of Water Loans.....					63,000.00
Excess of Disbursements over Receipts.....					7,041.90
Balance at credit of Department December 3, 1900.....					\$5,795.02

SCHEDULE D-I.

WATER DEPARTMENT — RECEIPTS AND DISBURSEMENTS

for the fiscal year ending December 2, 1901.

Balance at credit of Department December 3, 1900.....		\$3,733.02
RECEIPTS.		
Water Rates and Fines (less Abatements)	\$107,881.64	
General Appropriation from City for Water Purposes.....	12,000.00	
Miscellaneous Receipts.....	519.87	
Total Receipts	\$120,381.51	
DISBURSEMENTS.		
Operation and Maintenance.....	\$36,107.59	
Construction (Mains, Meters, etc.)	\$22,449.23	
Less, Repayment by Consumers for Labor and Materials furnished.....	6,949.03	
Net Cost of Construction.....	15,500.20	
Total Operation and Construction.....	51,607.79	
Balance available for Interest on and Repayment of Water Loans.....	\$68,573.72	
Repayment of Water Loans :—Matured Bonds.....	\$30,000.00	
Sinking Fund for Further Water Supply Bonds.....	24,000.00	
Sinking Fund for Old Water Supply Bonds.....	2,800.00	
Sinking Fund for Bonds of 1900.....	1,200.00	\$58,000.00
Interest on Water Loans :—Interest on Water Bonds	\$71,420.00	
Interest on Howland Fund.....	6,000.00	
Total Interest on Loans.....	\$77,420.00	
Less paid from General Funds of the City	72,420.00	5,000.00
Total Disbursements for Interest on and Repayment of Water Loans		63,000.00
Excess of Receipts over Disbursements.....		5,573.72
Balance at credit of Department December 2, 1901.....		\$11,308.74

SCHEDULE D-I.

WATER DEPARTMENT — RECEIPTS AND DISBURSEMENTS

for the fiscal year ending December 1, 1902.

Balance at credit of Department December 2, 1901.....					\$11,368.74
RECEIPTS.					
Water Rates and Fines (less Abatements)				\$112,174.44	
General Appropriation from City for Water Used for Public Purposes ..				12,000.00	
Miscellaneous Receipts.....				1,795.32	
Total Receipts.....					\$125,969.76
DISBURSEMENTS.					
Operation and Maintenance.....				\$39,387.44	
Construction (Mains, Meters, etc.)				\$27,584.58	
Less Repayment by Consumers for Labor and Materials furnished.....				10,697.98	
Net Cost of Construction.....					16,866.60
Total Operation and Construction.....					56,254.04
Balance available for Interest on and Repayment of Water Loans.					\$69,715.72
Repayment of Water Loans:—Matured Bonds.....				\$30,000.00	
Sinking Fund for Further Water Supply Bonds.....				24,000.00	
Sinking Fund for Old Water Supply Bonds.....				2,800.00	
Sinking Fund for Bonds of 1900.....				1,200.00	\$58,000.00
Interest on Water Loans:—Interest on Water Bonds.....				\$69,860.00	
Interest on Howland Fund				6,000.00	
Total Interest on Loans				\$75,860.00	
Less paid from General Funds of the City.....				65,860.00	10,000.00
Total Disbursements for Interest on and Repayment of Water Loans.					68,000.00
Excess of Receipts over Disbursements.....					1,715.72
New Bedford and Fairhaven Bridge Approach (award received for Land Damages) ..					7,600.00
Balance at credit of Department December 1, 1902.....					\$20,584.46

SCHEDULE D-I.

WATER DEPARTMENT — RECEIPTS AND DISBURSEMENTS

for the fiscal year ending December 7, 1903.

Balance at credit of Department December 1, 1902					\$20,584.46
RECEIPTS.					
Water Rates and Fines (less Abatements)				\$124,154.26	
General Appropriation from City for Water Used for Public Purposes				12,000.00	
Miscellaneous Receipts				1,817.16	
Total Receipts					\$137,971.41
DISBURSEMENTS.					
Operation and Maintenance				75,984.60	
Construction (Mains, Meters, etc.)				\$44,743.13	
Less Repayment by Consumers for Labor and Materials furnished				10,689.83	
Net Cost of Construction					34,053.30
Total Operation and Construction					110,037.90
Balance available for Interest on and Repayment of Water Loans					\$27,933.51
Repayment of Water Loans :—Matured Bonds				\$30,000.00	
Sinking Fund for Further Water Supply Bonds				8,000.00	
Sinking Fund for Old Water Supply Bonds				2,800.00	
Sinking Fund for Bonds of 1900				1,200.00	\$42,000.00
Interest on Water Loans :—Interest on Water Bonds				\$68,220.00	
Interest on Howland Fund				6,000.00	
Total Interest on Loans				\$74,220.00	
Less paid from General Funds of the City				69,220.00	\$5,000.00
Total Disbursements for Interest on and Repayment of Water Loans					47,000.00
Excess of Disbursements over Receipts					19,066.49
Unexpended balance transferred from Further Water Supply Construction Account to New Bedford Water Works Regular Account					\$1,517.97
					3,178.40
Balance at credit of Department December 7, 1903					\$4,696.37

SCHEDULE E-I.

LIMIT OF BONDED INDEBTEDNESS FOR CITY
PURPOSES

as at December 1, 1903.

Total Bonded Indebtedness..... \$3,937,000.00

Deduct:—

Loans exempt from debt limit, under Acts
of the Legislature as follows:—

Water Loan:—

Acts of 1863, Chapter 163 &

"	1874	"	219...	\$60,000.00		
"	1863	"	163...	120,000.00		
"	1883	"	95...	20,000.00		
"	1894	"	171...	120,000.00		
"	1894	"	345...	1,248,000 00	\$1,568,000.00	

Park Loan:—

Acts of 1902, Chapter 150... \$100,000.00

"	1898	"	140...	28,000.00	128,000.00	
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Wharf Loan:—

Acts of 1897, Chapter 159... \$52,000.00

"	1903	"	385...	30,000.00	82,000.00	1,778,000.00
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\$2,159,000.00

The total amount of Sinking Funds..... \$1,066,137.37

Deduct:—

Amount of Sinking Funds for Loans as
follows:—

Water Loan..... \$238,557.63

Park Loan..... 15,539.09

Wharf Loan.....	11,669.41	265,766.13	800,371.24
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Net Bonded Indebtedness, Dec. 1, 1903, subject to Municipal debt limit.....	<u>\$1,358,628.76</u>
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The average valuation of taxable property for the years
1901, 1902 and 1903—less abatements to Dec. 1, 1903—is
stated as \$62,207,972.00.

2½% on this valuation, which is the legal limit of indebtedness, is.....	\$1,555,199.30
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Net Bonded Indebtedness, Dec. 1, 1903, subject to Municipal debt limit.....	<u>1,358,628.76</u>
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Margin of borrowing capacity for City Purposes, Dec. 1, 1903.....	<u>\$196,570.54</u>
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NOTE. — Interest accrued to Dec. 1, 1903, but not then due, is
not taken into account in stating either the Bonded Debt
or the Sinking Funds.

SCHEDULE F-I.

DETAILS OF ERRORS IN ACCOUNTS OF TREASURER

for the seven fiscal years ending Dec. 7, 1903.

(Corrected by Treasurer in January, 1905).

Errors in footings of Loose Leaf Cash Books:—

Taxes for 1898 — Fo. 483 — Short	\$.04
" " 1898 " 537 "	10.00
" " 1899 " 265 "	10.00
" " 1899 " 277 " .....	.20
	<hr/>
	\$20.24
Less.	
" " 1901 " 278 Over .....	.06
	<hr/>
Net Shortage in Footings.....	\$20.18

Receipts shown on Loose Leaf Cash Books, but not
transferred to Main Cash Book:—

Taxes for 1899 — Fo. 282	303.76
" " 1899 " 282	19.56

Errors in Transfers between Departments:—

Transfer charged Aug. 15, 1898, but not credited to General Sewers — Audit No. 40	126.06
Transfer charged Aug. 15, 1898, but not credited to Street Dept. — Audit No. 40	95.88
	<hr/>
Total Errors previous to 1903	\$564.94
Schedule A-IV-12 (page 119).	

Coupon Interest entered twice, Oct. 15, 1903 —

Audit No. 54.	180.00
	<hr/>
Total Errors	\$744.94
	<hr/>

1905 — CITY DOCUMENT — No. 19.

CITY OF NEW BEDFORD.

REPORT

ON

FREE PUBLIC BATHS

FOR THE YEAR ENDING
ONE THOUSAND NINE HUNDRED AND FOUR.



NEW BEDFORD :
THE A. E. COFFIN PRESS, CITY PRINTERS.
1905.



Report on Public Baths.

CITY OF NEW BEDFORD,

December 22, 1904.

To the City Council:

GENTLEMEN: — At a meeting of the City Council Committee on Public Baths, Oct. 13, 1904, on motion of Councilman Loftus, seconded by Alderman Thompson, it was

“Voted, That the chairman be authorized to prepare a report to the City Council, and to make such necessary suggestions in the same as he may deem proper.”

In accordance with this vote, the Committee herewith presents its annual report.

In preparing its report for the season of 1904, the Committee considers it wise to briefly recite the history of bath houses under municipal control in New Bedford, inasmuch as the reports of previous years are incomplete, and have not been incorporated in the City Documents.

Free public bathing in New Bedford resulted from an order introduced into the Common Council, April 1, 1899, by Councilman John Hannigan of Ward Six (the present chairman of the Committee), providing for the appointment of a joint special committee “to investigate and ascertain the feasibility of establishing free public baths in this city, and report as soon as possible.” The order was adopted in concurrence, and a committee, consisting

of Aldermen Lawton and Ellis, and Councilmen Hannigan, Findeisen and Richards, was appointed. After an investigation the Committee reported, June 22, 1899, recommending that free public baths be established on East French avenue, and that a special appropriation of \$5,000 be made for the purpose. An order for the special appropriation of \$5,000 was adopted by the City Council in concurrence, June 22, "for the purpose of building and maintaining bath houses on Ashley's wharf on East French avenue." The spending of the appropriation was left in the hands of the Joint Special Committee which had made the investigation.

The contract for the construction of the first group of houses was awarded to J. B. Demoranville, and the houses were built at a cost of \$1530 on beach land leased from the heirs of Rodolphus Ashley, from plans and specifications prepared by Samuel C. Hunt, architect.

The houses were opened to the public in July, 1899, and immediately sprang into public favor, being resorted to particularly by the workers in the cotton mills located at the south end of the City. Of the appropriation of \$5,000 for installation and maintenance, an unexpended balance of \$2,664.27 was returned to the city treasury.

During the first season no attempt was made to supply the patrons of the houses with bathing suits, each bather providing his or her own. During the second season, 1900, a few suits were purchased and rented to bathers. This year, (1900) the sum of \$1,000 was transferred from unappropriated funds for the maintenance of the bathing houses, and of this amount \$225.52 was returned to the city treasury, unexpended. The receipts for the rental of suits was \$54.48.

On Oct. 1, 1900, Ashley's wharf and beach, on which the houses were located, were leased by the City for a term of five years, with a privilege of extension, at the rate of \$200 per annum, the lessors reserving the right to gather sea-weed from the beach.

In 1901 a transfer of \$1,000 from unappropriated funds was made for maintenance, and at the end of the season \$186.68 was returned to the city treasury. The receipts turned over to unappropriated funds, in accordance with ordinance, was \$272.76.

In 1902 a group of bath houses belonging to Siddall & Barlow, which were located on the west side of Clarks Point, on the site now occupied by the Kilburn Mill, were purchased, and, with their equipment, added to the plant, which was otherwise increased to the present capacity of 76 houses, 46 for men and 30 for women, with common rooms in each section for children. These improvements cost \$1,110.61. Of the appropriation for maintenance (\$1,000), \$11.84 was returned to the city treasury. The receipts turned over to unappropriated funds were \$308.91. The record of attendance during previous years has not been preserved. During 1902 the total number of bathers, as returned by the superintendent, was 63,589. This number included men, women and children.

In 1903 an attempt was made to carefully estimate the number of bathers, basing the count on the number of keys issued, and allowing three bathers to a house at every issue of a key, which experience showed to be a fair average. No count was made of the children who used the common houses provided for boys and girls. The return of the superintendent was 20,961 bathers. At the beginning of the year a special appropriation of \$1,000 was made for maintenance. The receipts turned over to unappropriated funds during the year were \$232.55, and that amount was transferred, by order of the City Council, to the bath house account. A transfer of \$5.53 was subsequently made by the City Auditor, to balance the account of the year, the total expenditure for the year having been \$1,238.08.

At the beginning of the present season, 1904, the Committee requested an appropriation of \$1,000, which

was granted. The need of additional houses and suits was apparent to a majority of the members of the Committee, and an effort was made to enlarge the plant. By vote of the Committee, after considerable discussion, plans for twenty additional houses were secured, and bids for the construction of the same were presented. It was voted to request the City Council for a transfer of \$1,000 from unappropriated funds to the bath house account, for the purpose of adding 20 new houses and purchasing 200 men's suits, 100 women's suits and 300 towels. An order for the transfer of this amount failed of adoption by the Board of Aldermen, and was consequently defeated. The Committee decided that circumstances required the purchase of 300 new suits and 300 towels, and procured them. Subsequently a transfer of \$500 was made from unappropriated funds to the Committee's account, making a total appropriation of \$1,500 for the year.

The total expenditures for the year were \$1,393.78, leaving a balance of \$106.22 to be returned to unappropriated funds. The receipts for the year, from the letting of suits, etc., turned over to the City Treasurer, to be applied to unappropriated funds, were \$330.60. In addition to this amount, the sum of \$2.50 was taken from the receipts, on the authority of the chairman, by the Superintendent, for the following purposes: \$2.00 to pay for the removal of sea-weed from the beach after an unusual storm, and 50 cents to pay for lunch for the attendants on a Sunday when there was an unusual rush of bathers, and the attendants had no opportunity to go home for something to eat. The net expense of maintenance for the season was therefore \$1,063.18.

The Superintendent and Assistant Superintendent reported for duty June 6, and the houses were opened for bathers June 9th. The houses were kept open daily from 7 a. m. to 9 p. m. on week days, and from 9 a. m. to 5

p. m. on Sundays, to and including Sunday, Sept. 11, a period of 14 weeks. The woman assistant was notified to report for duty June 27, and was continued, serving from 12 m. to 9 p. m., until Aug. 28th. The presence of the regular woman attendant was greatly appreciated by the women bathers, and it removed criticism which had previously been heard relating to the presence of the men attendants in the alleys separating the houses used by women. There are times when it is necessary for an attendant at the bath houses to go to the rooms occupied by women during bathing hours, and the woman attendant, during the past season, has attended to these duties, in addition to office work and taking care of the repair of suits.

A more complete record of the transactions at the houses was attempted, the Committee feeling that the data would be valuable for the use of future committees. The data secured will be found in an appended table. One new feature in the gathering of statistics has been introduced, the keeping of a record of the temperature of the air and water, and the condition of the weather. These figures are not only interesting, but they explain, beyond dispute, the reason for the varying attendance from day to day.

Owing to a difference of opinion among the members of the Committee as to the need for more houses and additional suits and towels, a majority of the Committee believed that the record of the year would bear out their contention that more suits and houses were needed. With the record before them, the majority of the Committee believes that more houses are needed for another season, and urges the City Council to provide them.

The purchase of 300 suits and 300 towels, at the beginning of the season, obviated the complaints which had been very frequent, especially during 1903, that

there were not suits enough on hand to supply those desiring to hire them. There are at present 575 suits (341 men's and 234 Women's) and 410 towels on hand.

As to the necessity for more houses, an understanding of the conditions is necessary for clear comprehension. As with all beach bathing, the condition of the tide is a large factor in the demand for houses. Many of the patrons of the houses are employed in the cotton mills, and work from 6.30 a. m. to 6 p. m., during the week, with the exception of Saturday afternoons. Their leisure time for using the bathing houses, therefore, is evenings, Saturday afternoons and Sundays. When it happens that there is a high tide in the early evenings of excessively hot days, or when the high tides occur on Saturday afternoons or Sundays, at any time, in short, when the combination of hot weather, tide and opportunity to bath occurs among the bulk of the patrons, the number of demands for houses exceeds the number of houses. At such times many of the patrons, rather than lose an opportunity to enjoy the exhilaration of a plunge in the cool, refreshing salt water, "double up," as the saying is, several people using the same house. At times during the past season the attendants have reported that eight, or even ten persons, have used the same house at one time. The houses are small, and under the most favorable conditions are not large enough for more than two people at the same time, so that it can readily be seen that during the "rush" hours, which period is the true test for the capacity of the plant, the houses are far too few in number to afford reasonable accommodation for those who are entitled to use them.

It will be noted from the statistics below that there were 3,984 times during the season when houses were refused because all the keys were in use. In many cases, the Superintendent reports, those who desired houses, and had seen others refused, have not made application, knowing that there was no use in doing so, so that the

number of refusals returned by the Superintendent is but approximate, and really less than the actual demand. During the season there were 436 people who refused to hire suits because there were no houses for them to use. This represents an income of \$43.60, in dollars and cents, which might have been received had there been houses enough to go around, and it also represents a large degree of dissatisfaction which might have been avoided, had the houses been supplied.

In view of these facts, the Committee desires to urge again the need of more houses during the coming year.

So much for the past season and those which have preceded it. Looking to the future welfare of the community and the enjoyment and health of the citizens, the Committee desires to call attention to some important facts, and to offer suggestions for the consideration of the City Council.

The United States Bureau of Labor, in its Bulletin for September, 1904, contains an interesting section devoted to public baths in the United States, in which the history of the movement is comprehensively treated. The first paragraph of the introductory article, written by G. W. W. Hanger, is worth quoting here.

"For many years," writes Mr. Hanger, "the maintenance of public baths at public expense has been a feature of municipal government in the leading countries of Europe. In the United States, however, the movement for public baths has assumed importance only during recent years. The value of these institutions—from both a social and economic point of view—cannot be denied. They not only offer means to personal cleanliness to those who can afford but meagre facilities in their homes or tenements, and thereby stimulate in a powerful way a feeling of self-respect and a desire for self-improvement among this class, but they also promote health and afford recreation. It has been urged that they

serve to ward off disease, and it is quite certain that in thus conserving the health and earning capacity of working people, their economic value must be recognized."

Volumes of words might be used to elaborate the value of public baths, but the quotation made is sufficient to direct attention to the points in favor of the establishment of all-the-year-round "cleanliness" baths in New Bedford, especially in the centres of the mill districts, at the north and south ends of the city.

So far as the Committee is aware, there are no statistics showing the facilities for bathing in the homes of people living in the congested mill districts of this City. It seems to the Committee that a careful investigation along this line, with a report of the conditions found, would open the eyes of the people of New Bedford to the necessity of public baths from the health point alone. It is recommended that the City Council make some provision for such an investigation, which might be accomplished by the Police Department, the Board of Health, the Inspector of Buildings, or the Board of Assessors, at a small cost to the City.

If the conditions bear out the belief of those who have had some opportunity to observe, the next step is the establishment of public bath houses which shall be operated the year round, and the Committee suggests to the City Council a careful consideration of the best type of houses and equipment to be adopted. It would seem, from the knowledge at present possessed by the Committee, that a combination of shower baths with a plunge pool of sufficient size to permit swimming, would afford the most satisfaction to the people; but this, of course, is a matter for decision after a thorough investigation. The matter of location and the cost and architectural character of the construction is also a matter for consideration. An economical, but not stingy

construction and equipment, with locations selected with an idea to benefit the greatest number of people, would seem to be wise.

It is also suggested that a small fee may be charged for the use of the baths, as is done in many other cities, and that the sum realized from this source may be used to lessen the expense of maintenance, if this course is found best after investigation.

With the experience of other cities as a guide, there is little chance to make a mistake in the matter of public baths if the City Council will give the subject careful and intelligent consideration.

For the Committee,

JOHN HANNIGAN,
Chairman.

The daily record of attendance, for the season of 1904, together with a list of the City Council Committees on Public Baths, Superintendents and Assistants, by years, since the establishment of the plant to the present time, follows:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Month.	Keys Issued.	Estimated No. Bathers.	Suits Issued.	Amount Rec'd.	Extra Towels Issued.	Amount Rec'd.	Total Receipts for Day.	Suits Refused.	Houses Refused.	Suits Not Let (no houses).	Temperature of Water 9 a.m. 12 m. 6 p.m.	Temperature of Air 9 a.m. 12 m. 6 p.m.	Kind of Weather.
Monday.....	June 6	Superintendent and Asst. Superintendent reported for duty.												
Tuesday....	7	Houses, etc., being repaired.												
Wednesday.	8	Houses, etc., being repaired.												
Thursday....	9	Houses opened for bathers.												
Friday.....	10	....	....	....	....	....	....	....	....	....	....	62 62 62	63 60 56	.....Cloudy
Saturday....	11	32	96	4	\$.40	1	\$.03	\$.43	....	....	....	62 63 62	60 60 56	.....Cloudy
Sunday....	12	52	156	6	.60	2	.06	.66	....	....	....	62 66 66	65 70 60	.....Fair
Monday.....	13	13	39	1	.10	....	....	.10	....	....	....	65 66 68	66 66 58	.....Fair
Tuesday....	14	12	36	....	....	....	....	....	....	....	....	64 68 68	58 62 56	.....Fair
Wednesday.	15	26	78	....	....	....	....	....	....	....	....	64 68 68	58 60 56	.....Fair
Thursday....	16	32	96	1	.10	....	....	.10	....	....	....	64 66 70	60 63 60	.....Fair
Friday....	17	77	231	2	.20	8	.09	.29	....	....	....	64 66 66	68 70 66	.....Cloudy
Saturday....	18	202	606	25	2 50	3	.09	2 59	....	....	....	64 66 70	68 69 65	.....Fair
												66 66 68	70 76 72	.....Fair

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sunday.....	June 19	260	780	37	\$3.70	18	\$.54	\$4.24	...	...	...	68 70 68	70 89 65	.....Fair
Monday.....	20	150	450	18	1.80	4	.12	1.02	..	..	..	70 74 63	72 75 66	.....Fair
Tuesday.....	21	68	204	5	.50	2	.06	.56	..	..	..	66 69 66	69 70 68	.....Cloudy
Wednesday...	22	225	675	35	3.50	6	.18	3.08	..	36	24	68 74 68	74 80 74	...Cloudy and rain
Thursday...	23	98	294	6	.60	4	.12	.72	..	...	...	68 72 72	66 70 65	.....Fair
Friday.....	24	139	417	25	2.50	4	.12	2.62	..	..	...	68 78 74	68 70 66	.....Fair
Saturday...	25	212	636	53	5.30	6	.18	5.48	...	19	...	66 72 66	72 78 70	.....Fair
Sunday.....	26	370	1110	240	24.00	16	.48	24.48	43	461	63	68 70 69	83 89 78	.....Fair
Monday.....	27	244	732	63	6.30	4	.12	6.42	..	104	..	70 74 76	74 80 74	.....Fair
Tuesday.....	28	229	687	24	2.40	...	....	2.40	...	...	..	70 72 74	72 74 75	.....Cloudy
Wednesday...	29	50	150	2	.20	...	....	.20	...	...	...	70 70 68	64 67 70	..Rain and cloudy
Thursday...	30	26	78	7	.70	...	....	.70	...	..	...	68 70 70	69 72 68	..Rain and cloudy
Friday.....	July 1	64	192	12	1.20	6	.18	1.38	...	...	...	68 70 70	69 72 63	..Rain and cloudy
Saturday...	2	159	477	45	4.50	6	.18	4.68	...	6	..	70 70 70	70 70 70	.....Fair

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sunday.....	July 3	228	634	56	\$5.60	12	\$.36	\$5.96	....	....	....	68 68 70	64 70 70	..... Fair
Monday.....	4	187	561	68	6.80	9	.27	7.07	....	....	..	68 70 70	70 70 68	..... Fair
Tuesday.....	5	85	255	5	.50	.....	....	.50	....	..	....	70 70 70	74 74 68	..... Cloudy
Wednesday...	6	220	660	44	4.40	4	.12	4.52	....	19	....	68 74 74	70 78 70	..... Fair
Thursday...	7	255	765	40	4.00	7	.21	4.24	....	....	....	74 74 72	74 78 72	..... Fair
Friday...	8	248	744	42	4.20	3	.09	4.29	....	25	....	72 74 76	74 74 68	..... Fair
Saturday.....	9	282	846	95	9.50	12	.36	9.86	....	185	25	72 74 76	74 74 68	..... Fair
Sunday...	10	261	783	88	8.80	7	.21	9.01	....	170	28	70 74 76	72 84 76	..... Fair
Monday.....	11	304	912	59	5.90	9	.27	6.17	....	99	16	74 78 72	76 82 70	..... Fair
Tuesday.....	12	192	576	23	2.30	7	.21	2.51	..	..	....	72 74 76	70 74 70	..... Cloudy
Wednesday...	13	201	603	48	4.80	17	.51	5.31	....	200	11	72 78 76	74 80 76	..... Fair
Thursday...	14	178	534	26	2.60	8	.27	2.87	....	52	..	70 74 77	70 76 70	..... Fair
Friday.....	15	233	699	43	4.30	5	.15	4.45	..	52	..	70 75 72	72 74 73	..... Fair
Saturday.....	16	365	1095	52	5.20	8	.24	5.44	....	19	....	70 73 70	74 74 73	..... Fair

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sunday.....	July 17	397	1191	170	17.00	12	\$.36	17.36	...	138	73	74 77 74	75 80 72	..... Fair
Monday.....	18	291	873	57	5.70	5	.15	5.85	...	55	...	77 74 74	82 78 76	..... Fair
Tuesday.....	19	248	744	67	6.70	13	.39	7.09	...	356	43	76 78 78	79 82 72	..... Fair
Wednesday..	20	355	1065	50	5.00	8	.09	5.09	...	150	22	78 77 76	84 86 72	..... Fair
Thursday...	21	225	675	60	6.00	4	.12	6.12	..	120	...	74 74 70	80 81 78	..... Fair
Friday.....	22	226	678	39	3.90	1	.03	3.93	.....	...	...	74 75 74	76 74 70	..... Rain
Saturday....	23	60	180	21	2.10	1	.03	2.13	.....	...	...	74 70 72	66 67 63	..... Rain
Sunday.....	24	39	117	10	1.00	1	.03	1.03	.....	...	..	68 68 68	70 68 62	..... Rain
Monday.....	25	178	534	23	2.50	4	.12	2.62	..	40	...	70 70 70	66 70 69	..... Cloudy
Tuesday.....	26	253	759	61	6.10	3	.09	6.19	..	166	14	74 75 76	76 78 74	..... Fair
Wednesday..	27	284	852	29	2.90	8	.24	3.14	...	88	..	72 74 76	73 78 71	..... Fair
Thursday...	28	241	723	31	3.10	3	.09	3.19	.....	18	.....	72 74 72	74 74 76	..... Cloudy
Friday.....	29	314	942	61	6.10	5	.15	6.25	.....	82	...	70 73 75	68 74 76	..... Fair
Saturday....	30	208	624	55	5.50	7	.21	5.71	.....	...	...	72 74 74	69 72 62	..... Fair

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Sunday	July 11	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Monday	Aug 1	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Tuesday	2	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Wednesday	3	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Thursday	4	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Friday	5	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Saturday	6	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Sunday	7	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Monday	8	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Tuesday	9	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Wednesday	10	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Thursday	11	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Friday	12	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Saturday	13	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Sunday	14	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Monday	15	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Tuesday	16	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Wednesday	17	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Thursday	18	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Friday	19	100	1000	100	100	100	100	100	100	100	100	100	100	100	100
Saturday	20	100	1000	100	100	100	100	100	100	100	100	100	100	100	100

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sunday....	Aug. 14	215	646	56	\$5.60	9	\$.27	\$5.87	...	21	...	68 70 70	69 70 65	.....Cloudy
Monday....	15	218	654	29	2.90	2	.06	2.96	...	...	...	72 75 72	74 82 76	.....Fair
Tuesday....	16	135	405	16	1.60	3	.09	1.69	...	...	...	70 72 70	72 78 68	.....Fair
Wednesday..	17	255	705	34	3.40	3	.09	3.49	...	51	...	70 72 70	76 78 72	.....Fair
Thursday....	18	230	690	34	3.40	3	.09	3.49	...	50	...	70 76 70	74 80 72	.....Fair
Friday....	19	149	447	23	2.30	1	.03	2.33	...	...	...	70 78 72	68 78 68	.....Fair
Saturday....	20	27	81	6	.60	2	.06	.66	...	...	...	68 68 70	66 68 66	.....Rain
Sunday....	21	211	633	70	7.00	10	.30	7.30	...	174	46	72 76 74	76 80 78	.....Fair
Monday....	22	171	513	25	2.50	1	.03	2.53	...	25	...	72 73 74	76 74 68	.....Fair
Tuesday....	23	121	363	10	1.00	2	.06	1.06	...	...	...	72 72 70	66 64 64	.....Fair
Wednesday..	24	141	423	15	1.50	1	.03	1.53	...	...	...	72 76 76	66 74 64	.....Fair
Thursday....	25	110	330	17	1.70	....	...	1.70	...	...	...	70 72 75	72 76 68	.....Fair
Friday....	26	153	459	20	2.00	2	.06	2.06	...	...	...	72 74 74	72 76 74	.....Fair
Saturday....	27	118	354	20	2.00	4	.12	2.12	...	...	...	73 74 74	70 66 66	.....Fair

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sunday....	July 31	400	1200	101	10.10	10	.30	10.40	....	228	32	70 72 74	74 72 78	..... Fair
Monday....	Aug 1	200	600	21	2.10	....	....	2.10	....	....	....	72 72 72	75 76 72	..... Cloudy
Tuesday....	2	21	63	3	.30	..	....	.30	....	....	....	74 76 74	78 78 76	..... Rain
Wednesday..	3	234	702	33	3.30	7	.21	3.51	....	....	....	74 76 74	72 78 69	..... Cloudy
Thursday...	4	156	468	15	1.50	1	.03	1.53	....	....	....	74 76 74	70 75 72	..... Fair
Friday.....	5	174	522	25	2.50	3	.09	2.59	....	....	....	70 73 76	67 72 68	..... Fair
Saturday....	6	182	546	31	3.10	6	.18	3.28	....	46	....	72 72 74	70 68 75	..... Rain
Sunday.....	7	318	954	185	18.50	19	.57	19.07	....	405	39	74 75 72	76 84 78	..... Fair
Monday....	8	155	465	16	1.60	2	.06	1.66	..	..	....	72 74 74	68 74 72	..... Cloudy
Tuesday....	9	175	525	11	1.10	1	.03	1.13	..	....	....	74 74 72	68 74 68	..... Fair
Wednesday..	10	11	33	...	..	....	....	....	....	....	....	72 74 74	68 70 66	..... Rain
Thursday....	11	239	717	38	3.80	.1	.03	3.83	....	....	....	70 70 68	70 68 64	..... Rain
Friday.....	12	20	60	8	.80	1	.03	.83	..	....	....	70 70 72	68 72 66	..... Cloudy
Saturday....	13	157	471	24	2.40	5	.15	2.55	....	....	....	70 70 72	68 72 60	..... Fair

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sunday....	Aug 14	215	645	56	\$5.60	9	\$.27	\$5.87	...	21	...	68 70 70	69 70 65	.....Cloudy
Monday....	15	218	654	29	2.90	2	.06	2.96	..	...	...	72 75 72	74 82 76	.....Fair
Tuesday....	16	135	405	16	1.60	3	.09	1.69	..	...	...	70 72 70	72 78 68	.....Fair
Wednesday..	17	255	765	34	3.40	3	.09	3.49	..	51	...	70 72 70	76 78 72	.....Fair
Thursday....	18	230	690	34	3.40	3	.09	3.49	..	50	..	70 76 70	74 80 72	.....Fair
Friday..	19	149	447	23	2.30	1	.03	2.33	..	...	...	70 78 72	68 78 68	.....Fair
Saturday....	20	27	81	6	.60	2	.06	.66	..	..	..	68 68 70	66 68 66	.....Rain
Sunday....	21	211	633	70	7.00	10	.30	7.30	...	174	46	72 76 74	76 80 78	.....Fair
Monday....	22	171	513	25	2.50	1	.03	2.53	..	25	...	72 73 74	76 74 68	.....Fair
Tuesday....	23	121	363	10	1.00	2	.06	1.06	...	..	...	72 72 70	66 64 64	.....Fair
Wednesday..	24	141	423	15	1.50	1	.03	1.53	...	...	...	72 76 76	66 74 64	.....Fair
Thursday....	25	110	330	17	1.70	...	...	1.70	...	...	...	70 72 75	72 76 68	.....Fair
Friday....	26	153	459	20	2.00	2	.06	2.06	...	...	...	72 74 74	72 76 74	.....Fair
Saturday....	27	118	354	20	2.00	4	.12	2.12	...	...	...	73 74 74	70 66 66	.....Fair

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Sunday.....	Aug. 28	219	657	53	5.30	7	.21	5.54	....	....	....	70 68 70	68 74 70	..... Fair
Monday.....	29	125	375	5	.50	2	.06	.56	....	....	....	68 70 72	72 76 74	..... Fair
Tuesday.....	30	75	225	7	.70	1	.03	.73	....	....	....	66 66 66	66 70 64	..... Fair
Wednesday..	31	140	420	6	.60	1	.03	.63	....	....	....	68 74 68	72 78 64	..... Fair
Thursday...	Sept. 1	47	141	8	.80	...	....	.80	....	....	....	65 68 70	68 70 65	..... Fair
Friday.....	2	58	174	5	.50	1	.03	.53	....	....	....	66 70 65	70 72 66	..... Fair
Saturday....	3	93	279	22	2.20	4	.12	2.32	....	14	....	70 70 72	72 74 70	..... Fair
Sunday.....	4	193	579	93	9.30	6	.18	9.48	....	86	....	72 72 72	74 76 76	Rain, fair, cloudy
Monday...	5	144	288	59	5.90	2	.06	5.96	....	....	....	72 72 70	66 75 71	..... Fair
Tuesday....	6	19	38	2	.20	....	....	.20	....	....	....	68 68 66	64 66 62	.... Fair and windy
Wednesday..	7	25	50	3	.30	....	....	.30	....	....	....	66 67 68	63 70 60	.... Fair and windy
Thursday...	8	49	98	4	.40	1	.03	.43	....	....	....	64 66 64	68 76 62	.... Fair and windy
Friday.....	9	....	....	....	....	....	....	....	....	....	....	64 66 64	68 76 62	..... Rain
Saturday....	10	71	142	13	1.30	....	....	1.30	....	....	....	66 66 66	62 60 58	.... Cloudy and fair
Sunday.....	11	40	80	8	.80	2	.06	.86	....	....	....	64 64 ...	66 74 ...	.... Cloudy and fair

COMMITTEES, ETC.

1899—Committee, Aldermen Charles H. Lawton (ch.) and Charles E. Ellis, Councilmen John Hannigan, Ernest A. Findeisen, George D. Richards; Superintendent, William H. Willcox.

1900—Committee, Aldermen Charles H. Lawton (ch.) and Henry P. Jenney, Councilmen George D. Richards, John Hannigan, John Waldron; Superintendent, William H. Willcox; Assistant, John LeClaire.

1901—Committee, Aldermen Henry P. Jenney (ch.) and William E. Smith, Councilmen John Waldron, George D. Richards, Patrick Reardon; Superintendent, James McNeeley; Assistant, John LeClaire.

1902—Committee, Aldermen Henry P. Jenney (ch.) and William E. Smith, Councilmen John Waldron, Patrick Reardon, Joseph L. Gibbs; Superintendent, James McNeeley; Assistant, Patrick Mahon.

1903—Committee, Aldermen Henry P. Jenney (ch.) and Samuel E. Bentley, Councilmen Henry J. Gurl, Joseph L. Gibbs, John Waldron; Superintendent, John Cook; Assistant, William England.

1904—Committee, Aldermen John Hannigan (ch.) and Thomas Thompson, Councilmen Henry J. Gurl, Henry J. Watson, Patrick Loftus; Superintendent, Alfred F. Benoit; Assistant, James E. Farrell; Woman Assistant, Mrs. William Ogden.

CITY OF NEW BEDFORD,
IN COMMON COUNCIL,
Dec. 22, 1904.

Received, ordered printed in the City Documents,
and sent up for concurrence.

W. H. B. REMINGTON, Clerk.

IN BOARD OF ALDERMEN,
Dec. 22, 1904.

Concurred.

D. B. LEONARD, City Clerk.

1905 — CITY DOCUMENT — No. 20.

CITY OF NEW BEDFORD.

ORDINANCES.

IN THE YEAR
ONE THOUSAND NINE HUNDRED AND FIVE.



NEW BEDFORD :
THE A. E. COFFIN PRESS, CITY PRINTERS.
1905.

CITY OF NEW BEDFORD.

IN THE YEAR ONE THOUSAND NINE HUNDRED AND FOUR

AN ORDINANCE

AMENDING SECTION 35 OF CHAPTER XXII OF THE
ORDINANCES, ENTITLED "STREETS AND
PUBLIC PLACES."

*Be it Ordained by the City Council of the City of New
Bedford, as follows:*

SECTION 1. Section 35 of Chapter XXII of the City Ordinances, entitled "Streets and Public Places," is hereby amended by inserting after the word "part" in the fourth line thereof, the words "or any preparation or substance designed to be exploded by the weight of a passing car or vehicle within the City of New Bedford," and by adding a new paragraph, as follows:—

No person shall place or cause to be placed upon, between, or in proximity to the rails of any street railway company, any fireworks, cartridges, torpedoes or other explosives or preparations which may be exploded by the weight of any car passing over the same, and no person shall direct, throw or explode any fireworks, cartridges, torpedoes or other preparations of an explosive or inflammatory nature at, in, over, under or in proximity to any street railway car while said car is upon any street.

SECTION 2. This ordinance shall take effect upon its passage.

IN BOARD OF ALDERMEN, June 9, 1904.
Passed to be ordained.

LOUIS Z. NORMANDIN, Acting Mayor.

IN COMMON COUNCIL, June 9, 1904.
Passed to be ordained.

SAMUEL HIGHAM, President.

Presented to and approved by the Mayor, June 10,
1904.

A true copy, attest:

DANIEL B. LEONARD, City Clerk.

PARK ORDINANCE.

OFFICE OF PARK COMMISSION,
NEW BEDFORD, MASS., JUNE 6, 1904.

The Board of Park Commissioners of the City of New Bedford, by virtue of its authority to make rules for the use and government of the public parks of said city and for breaches of such rules to affix penalties, hereby ordain that within the public parks of the city, except with prior consent of the Commissioners:

"No dogs shall be permitted on the parks." Any violation of this regulation will be subject to a penalty of \$20.

JAMES E. MOORE, CHAIRMAN,
SAMUEL P. RICHMOND,
OBED C. NYE,
CHARLES T. SMITH,
ERNEST A. WHEATON, SECRETARY,
Board of Park Commissioners.

UNIVERSITY OF MICHIGAN



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